

19990319.qrp v01_n400.qrl.990319

Date: Fri, 19 Mar 1999 19:03:29 EST

From: qrp-l@Lehigh.EDU

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: QRP-L digest 1400

QRP-L Digest 1400

Topics covered in this issue include:

- 1) [35921] R/S Digital Multimeter 22-168A
by "George P. O'Connell" <gpocon@wa.freei.net>
- 2) [35922] Cheap 80M xtals (for Pixie2)?
by Jim Glover <psykey@okcforum.org>
- 3) [35923] Where can I get one?
by Jeff Johns <jeffj@scott.net>
- 4) [35924] AC Generators
by "Kent Babcock,N8WVD" <casey@mufn.org>
- 5) [35925] Re: Linux... the other side of the coin
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- 6) [35926] Re: R/S Digital Multimeter 22-168A
by "E. Andrews" <earlve3ab@igs.net>
- 7) [35927] Re: R/S Digital Multimeter 22-168A
by Michael Gusky <mgusky@bellsouth.net>
- 8) [35928] Question on the the Argonaut series
by "T.J. \"SKIP\" Arey N2EI" <tjarey@home.com>
- 9) [35929] Re: Hot Bands... OOPS!
by Chris Cartwright <ccart@dns.vidtel.com>
- 10) [35930] QRP Buddy
by "Steve Sorrell" <ap036@detroit.freenet.org>
- 11) [35931] *****FS: NC20*****
by AA3BP@aol.com
- 12) [35932] Dumb PTO Question...
by Chris Cartwright <ccart@dns.vidtel.com>
- 13) [35933] Re: Linux... the other side of the coin
by "Caitlyn M. Martin" <cait.martin@ibm.net>
- 14) [35934] Re: R/S Digital Multimeter 22-168A
by Russ Hines <radioruss@fuse.net>
- 15) [35935] Help
by jbeckett <jbeckett@illuminet.net>
- 16) [35936] Re:FDIM Symposium time?
by "Bob Gobrick" <rgobrick@worldnet.att.net>
- 17) [35937] Re: QRP Buddy
by Russ Dow <n7dw@garlic.com>
- 18) [35938] AL7FS QRP Starter Page turns 100
by Jim Larsen AL7FS <al7fs@pobox.alaska.net>
- 19) [35939] Re: Dumb PTO Question...

- by Pete Burbank <plburbank@kih.net>
- 20) [35940] Re: QRP Buddy
by "Steve Sorrell" <ap036@detroit.freenet.org>
- 21) [35941] Re: QRP Buddy
by Steve <smann@advi.net>
- 22) [35942] Re: Cheap 80M xtals (for Pixie2)?
by Kevin Gibson <kgibson@sparc.isl.net>
- 23) [35943] F/S 6 Meter FT-690R II
by GRW <n8ayy@amsat.org>
- 24) [35944] Re: Silver Key Contacts
by Jim <w7ls@blarg.net>
- 25) [35945] Re: Cheap 80M xtals (for Pixie2)?
by Jim <w7ls@blarg.net>
- 26) [35946] REPAIR JOB: NC-20, The END!!! (Thank Goodness!)
by "Paul R. Valko" <prvalko@oakland.edu>
- 27) [35947] Re: How does Sierra behaves in Europe?
by "Hugo W. Catta" <hugo@banet.net>
- 28) [35948] FS/FT: New Butternut HF9V-X
by sda <sda@bellsouth.net>
- 29) [35949] Re: Dumb PTO Question...
by Conard Murray <ws4s@InfoAve.Net>
- 30) [35950] Re: R/S Digital Multimeter 22-168A
by "George T. Baker" <w5yr@swbell.net>
- 31) [35951] WHA:More Research Needed
by "Wilford D. Lindsey" <70511.3041@compuserve.com>
- 32) [35952] re: de soldering
by George Gingell <k3tks@u1.abs.net>
- 33) [35953] Atlanticon badges
by Paul Harden <pharden@aoc.nrao.edu>
- 34) [35954] Re: Shame on you! No antenna? Got 10 minutes?
by "Justin McAllister" <kd5ako@hotmail.com>
- 35) [35955] DL-QRP-PA english description
by "Peter Zenker" <Peter_DL2FI@csi.com>
- 36) [35956] AW: How does Sierra behaves in Europe?
by "Peter Zenker" <Peter_DL2FI@csi.com>
- 37) [35957] AW: Sierra and PA module
by "Peter Zenker" <Peter_DL2FI@csi.com>
- 38) [35958] AW: How does Sierra behaves in Europe?
by "Peter Zenker" <Peter_DL2FI@csi.com>
- 39) [35959] Re: Atlanticon badges
by "L. B. Cebik" <cebik@utkux.utcc.utk.edu>
- 40) [35960] Re: Dumb PTO Question... TNX
by Chris Cartwright <ccart@dns.vidtel.com>
- 41) [35961] psk31 or there-abouts
by hamjoel@juno.com
- 42) [35962] NC20 Mods
by "Nathan Odle" <nodle01@mail.coin.missouri.edu>
- 43) [35963] Home Brew Rig

by George Gingell <k3tks@u1.abs.net>
44) [35964] Re: psk31 or there-abouts
by Niel Skousen <skousen@srv.net>
45) [35965] QRP Buddy Rev:1
by "Steve Sorrell" <ap036@detroit.freenet.org>
46) [35966] Re: psk31 or there-abouts
by Jkn1olo@aol.com
47) [35967] April Fools Issues
by "J. Eric Jessen" <E.Jessen@orion-consulting.com>
48) [35968] R/S HTX-100 Mobile FS
by Duane Alles <w9zm@yahoo.com>
49) [35969] Argonaut question-Thanks!
by "Tom Hybiske" <hybiske@generalatronics.com>
50) [35970] Re: April Fools Issues
by "Ed Hare, W1RFI" <w1rfi@arrl.net>
51) [35971] Re: April Fools Issues
by Bruce Kizerian <kizerian@ced.utah.edu>
52) [35972] Re: April Fools Issues
by "Brian.Buydens@usask.ca" <buydens@duke.usask.ca>
53) [35973] Re: April Fools Issues
by jeverhar@cse.l-3com.com
54) [35974] Kit Building (and Desoldering Braid)
by Ross Crossland <rossgolf@flash.net>
55) [35975] April Magazine Issues
by Harvey Laidman <HarveyL@OutaDaLoop.com>
56) [35976] Dayton QRP Banquet, May 14, 1999!
by "Scott Rosenfeld [N7JI]" <ham@w3eax.umd.edu>
57) [35977] Screw those screws!
by Larry East <w1hue@amsat.org>
58) [35978] Re: April Fools Issues
by "James C. Owen, III" <owen@piper.eeel.nist.gov>
59) [35979] Neat circuit & QST
by "James C. Owen, III" <owen@piper.eeel.nist.gov>
60) [35980] Re: psk31 or there-abouts
by John R Kirby <n3aaz-qrp@juno.com>
61) [35981] Re: April Fools Issues
by "Rick Hadley" <r.hadley@www.mebbs.com>
62) [35982] HTX-100
by Duane Alles <w9zm@yahoo.com>
63) [35983] FW: psk31 or there-abouts
by "J. Eric Jessen" <E.Jessen@orion-consulting.com>
64) [35984] LINUX: Is this a QRP list, or what?
by Larry East <w1hue@amsat.org>
65) [35985] #26 wire source
by Gary L Surrency <gsurrency@juno.com>
66) [35986] Re: Kit Building (and Desoldering Braid)
by "Michael A. Gipe" <mgipe@reliablemeters.com>
67) [35987] Club Kits get them started!!

- by ki6ds@dpol.k12.ca.us (Hendricks, Doug)
- 68) [35988] HW-9 For Sale - Correction and Info
by "Bruce Prior" <n7rr@hotmail.com>
- 69) [35989] Falcon Mobile (off topic)
by "Bruce Prior" <n7rr@hotmail.com>
- 70) [35990] Repetition on CW test?
by "Christopher Brewster" <brewsq@excite.com>
- 71) [35991] Re: April Magazine Issues
by Vic Rosenthal <rakefet@rakefet.com>
- 72) [35992] A bit of a surprise
by "JEFFREY MICHAEL POULIN" <jpoulin@erols.com>
- 73) [35993] 20 meters has been open at night!!!!
by Jeff <fantbb@yahoo.com>
- 74) [35994] Re: Screw those screws!
by "curt" <curt@icubed.com>
- 75) [35995] Argo for Sale
by "Malcolm Bussey" <mbussey@gte.net>
- 76) [35996] First Solo QSO on 7.110 (longish)
by "J. Ervin Bates, W8ERV" <kb8tnq@voyager.net>
- 77) [35997] Re: Repetition on CW test?
by elawson@lr.net (Ed Lawson)
- 78) [35998] Re: April Fools Issues
by neil <neil@aade.com>
- 79) [35999] Where's 15M ?
by "Mont Pierce, KM6WT" <montp@synacom.com>
- 80) [36000] Re: April Fools Issues
by "John Moriarity" <k6qq@hdo.net>
- 81) [36001] Multi-banding a Pixie2?
by Jim Glover <psykey@okcforum.org>
- 82) [36002] Re: 20 meters has been open at night!!!!
by N7YA@aol.com
- 83) [36003] Atlanticon QRP Forum 1999
by "Ron Polityka" <wb3aal@talon.net>
- 84) [36004] Re: Neat circuit & QST
by "Gene Hall" <evhall@ix.netcom.com>
- 85) [36005] Kit Building Part Deuax
by Ross Crossland <rossgolf@flash.net>
- 86) [36006] SW20+: experience?
by Allan G Taylor <k7gt@arrl.net>
- 87) [36007] QRP Portable PSK31, anyone?
by Dave Ek <ekdave@earthlink.net>
- 88) [36008] Fw: Multiband Pixie 2
by ki6ds@dpol.k12.ca.us (Hendricks, Doug)
- 89) [36009] Customer Service
by Brad Mugleston <bmug@gw1.com>
- 90) [36010] trailer park antenna idea
by "Steven Weber" <kd1jv@moose.ncia.net>
- 91) [36011] Re: trailer park antenna idea

- by "Mike Yetsko" <myetsko@insydesw.com>
- 92) [36012] Re: Customer Service
by Rod Cercone <rlc@fii.com>
- 93) [36013] Re: trailer park antenna idea
by Vic Rosenthal <rakefet@rakefet.com>
- 94) [36014] RE: Customer Service
by Brad Mugleston <bmug@gwl.com>
- 95) [36015] Attachments
by Bob Liesenfeld <wb0poq@visi.com>
- 96) [36016] Re: QRP Buddy
by Larry Cahoon <wd3p@juno.com>
- 97) [36017] R.S. Frequency Counter
by "David Hurley, n2zhy" <n2zhy@amsat.org>
- 98) [36018] Re: trailer park antenna idea
by "Richard Brummer" <obvious@bestweb.net>
- 99) [36019] Re: #26 wire source
by K2UD@aol.com
- 100) [36020] Re: How does Sierra behaves in Europe?
by hw.merz@t-online.de (Hanns W. Merz)
- 101) [36021] Re: Where's 15M ?
by "Caitlyn M. Martin" <cait.martin@ibm.net>
- 102) [36022] IVEX WinDraft/WinBoard
by wa8rxi@juno.com
- 103) [36023] Tentec QRP kits
by KG9HV@aol.com

Date: Thu, 18 Mar 1999 16:19:05 +800
From: "George P. O'Connell" <gpocon@wa.freei.net>
To: qrp-l@Lehigh.edu
Subject: [35921] R/S Digital Multimeter 22-168A
Message-ID: <36f197f9.140f9.0@wa.freei.net>

Does anyone have the R/S Digital Multimeter 22-168A. It sells for 129.00 and has a frequency counter. Is this a good meter and is the frequency counter adequate for kit construction?

Any info greatly appreciated.

George/N7EQH

Date: Thu, 18 Mar 1999 18:51:33 -0600 (EST)
From: Jim Glover <psykey@okcforum.org>
To: qrp-l@lehigh.edu

Cc: okcham@okcforum.org
Subject: [35922] Cheap 80M xtals (for Pixie2)?
Message-ID: <199903190051.SAA23976@okcforum.org>
Content-Type: text

OK--

I just ordered my Pixie2. I'm gonna build it for 80M, and so I'll need some cheap 80M crystals. I'd like everyone's comments about what frequencies I should rock up for on 80, and sources to get 80M crystals for the Pixie2, cheap (that's including shipping/handling).

Thanks!
--Jim WB5UDE

(P.S. So how's that for a short, succinct, easily identifiable question? ;)

Date: Thu, 18 Mar 1999 18:51:52 -0600
From: Jeff Johns <jeffj@scott.net>
To: qrp-l@Lehigh.EDU
Subject: [35923] Where can I get one?
Message-ID: <199903190051.SAA31192x@scott.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 8bit
Content-Transfer-Encoding: 8bit

I now understand the benefits of a ten turn pot and I also understand the benefits of having the Freq Mite installed in my SW40 when using one! This leads me to my next obvious question.... where can I get a ten turn pot that will fit my SW40+ enclosure? Does someone sell a part that will fit without any major modifications? I'm open to any and all recommendations.

73 Jeff

```
*----- Jeff Johns W4JEF - AMSAT# 32615 - QRP-L# 1857 -----*
|jeffj@scott.net w4jef@amsat.org | Reserve Patrol Captain |
| Satellite: Mir R0MIR-1, AO-27 | Jefferson County Sheriff's Dept|
|200LX+BayPac+FT50=Portable Packet| QTH Birmingham, AL USA |
*-----*
```

Date: Thu, 18 Mar 1999 19:49:35 -0500

From: "Kent Babcock,N8WVD" <casey@mufn.org>
To: <qrp-1@Lehigh.EDU>
Subject: [35924] AC Generators
Message-ID: <000301be71a2\$6016cc20\$02da6cc6@mufn.mufn.org>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

What a great group of folks! Once again, a fast accurate answer to my question.

thanks to all of you.

Kent Babcock, N8WVD

Date: Thu, 18 Mar 1999 19:53:55 -0500
From: "dor" <elbc@pivot.net>
To: <kc5tja@dolphin.openprojects.net>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [35925] Re: Linux... the other side of the coin
Message-ID: <006401be71a2\$f88d4100\$521199d0@default>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

-----Original Message-----

From: Samuel A. Falvo II <kc5tja@dolphin.openprojects.net>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Date: Thursday, March 18, 1999 3:18 PM
Subject: Re: Linux... the other side of the coin

>> OK... try and restrain yourselves from flames... BUT: the two major
>> arguments FOR LINUX appear to be OS-platform independence; and there's
lots
>> of free programs. Taken one at a time:
>
>I've been using Linux for four years now. I've never heard those two as
the

>defining factors of Linux. Absolutely never.
>
>> Platform independence: so what. I can't type on more than one keyboard at a
>
>
>A non-issue. NT is also cross-platform.
>
>> Lots of free programs. Again, so what. There's lots of free programs for the
>
>
>Again, a non-issue.
>
>Clearly, there's something seriously flawed in your logic, if both sides
>agree that those two points are non-issues, yet Linux is still gaining in
>popularity over Windows. Why are you so afraid?
>
>> There is simply NO REASON I know of to BOTHER with LINUX. There are NO
>
>Fear, uncertainty, and doubt. Been there, done that, cannot be proven, and
>is all out incorrect, and is obviously designed to force your belief (that
>you shouldn't even bother with Linux) onto other people reading this
>newsgroup.
>
>And there's no reason, what-so-ever, for anyone on this list to build their
>own radios either.
>
>> And don't give me the one about how much better it works. I've passed
this
>
>Then don't tell me how one rig works so much better than the other, because
>I can pass you on as some AF-RF-control-snob.
>
>> argument around with what mostly appears to be the
>> control-freak-LINUX-snobs, and it always comes down to "Well, it runs so
>
>Do you see a pattern here? There's a reason why YOU having control over
>YOUR computer is important. Would you appreciate it if TenTec artificially
>limited the ranges of frequencies you can use to Novice, even though you're
>Extra class? And there was nothing you could do about it?
>
>> system. Fine. No problem with that... but it has absolutely nothing
>> whatsoever to do with mainstream information processing and systems
>> management for the great majority of pc clients. How much better does it
>
>"Mainstream" information processing? You mean Office and IIS, right?
>
>Office runs /horribly/ on NT, and IIS runs fantastically. What does this
>tell you? NT was built as a fileserver, nothing more (read up on its

>history, back in the days of NT 3.1). NT's basic architecture is obviously
>biased to compete specifically with Novell, since that was the only company
>that Microsoft couldn't swallow up way back when. And they still can't.
>
>> work DOING my DOS or WIN apps? It doesn't do them at all. The PC business
>
>Why would anyone want to run DOS and/or Windows apps under Linux? You're
>missing the whole point.
>
>And as far as software availability, Linux offers image editing/composition
>software, e-mail, web browsers, word processors, spread sheets, process
>control management, project scheduling, financial (although it's still a
new
>area for LInux -- I'm not going to lie to you), security management, ...
>
>Likewise, there are programs for MacOS and AmigaOS that just aren't on
>Windows either, which is why Mac and Amiga are still alive and well today.
>So your point here is also a non-issue.
>
>> has long had a simple bottom line: What will it do for me, in my
>> circumstances, that what I already have WON'T do-or won't do as well as
>> LINUX will. The answer to that for LINUX is: not a darn thing.
>
>I beg to differ -- the answer to that is EVERY darned thing. Walk into any
>ISP, and you'll find a Linux or FreeBSD box somewhere in their critical
>information processing architecture. Walk into any engineering firm, and
>they've got at least one Novell or UNIX-class box sitting as a file server.
>Right now, Linux has more CAD/CADD type software than any other UNIX system
>around, simply because people wrote the software themselves for
>themselves, and released it for free. There's an inrush of money and
>business management software being developed right now (GNUCash comes to
>mind). I need an invoicing and accounts receivables package, so I'll
likely
>write that myself, and release it for free -- assuming GNUCash doesn't
>already offer this facility.
>
>I may not have been "in business" as long as you have, but I've had my fair
>share of on-site installs and configurations. And any Microsoft product is
>a repeat offender for these companies, costing them quite a large sum of
>money (I charge only \$65/hour for consultations; it quite often takes me
>several hours to fix a SIMPLE problem with their information architecture).
>
>Linux isn't the end-all solution to everyone's problems. But neither is
>Windows, and it's high time for people to start realizing this.
>
>"You can have any color Model T you want...as long as it's black."
> - Henry Ford
Just like to say ditto well worded,

I've been using Linux for about 6 mos.. and no it's not Windows and I'm glad of it.. works for me ..
73 dave KC1DI

Date: Thu, 18 Mar 99 19:15:17 PST
From: "E. Andrews" <earlve3ab@igs.net>
To: Qrp-l@Lehigh.Edu
Subject: [35926] Re: R/S Digital Multimeter 22-168A
Message-ID: <MAPI.Id.0016.0061726c766533613030303930303039@MAPI.to.RFC822>
MIME-Version: 1.0
Content-Type: text/plain; charset="ISO-8859-1"; X-MAPIextension=".TXT"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

>
> Does anyone have the R/S Digital Multimeter 22-168A. It sells for 129.00 and
>>>Hi George. I use it all the time. I like the ability to test the Beta/Hfe of transistors with it. I can also measure capacitors. I never seem to use the frequency counter because i have a separate one and also i have an autetek rf analyser for HF which serves as my signal generator and freq readout--(use it mostly for building bandpass filters). Im currently re-building a ten tec argonaut 509. I have the bandpass filters for the transmitter drivers now built and working..
next..im building a new rcvr front end with fixed bandpass filters..it is a big job but good test
equipment gives some enjoyable results....73 Earl VE3AB

Date: Thu, 18 Mar 1999 19:03:45 -0600
From: Michael Guskys <mguskys@bellsouth.net>
To: gpocon@wa.freei.net
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [35927] Re: R/S Digital Multimeter 22-168A
Message-ID: <36F1A271.48F29687@bellsouth.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Content-Transfer-Encoding: 7bit

I almost purchased the RS 22-168 meter last month, when my old digital meter (Radio Shack) finally died. However, after looking around, I settled on the Wavetek 27XT @\$124. The only reason I didn't go with the Radio Shack 22-168 meter is that the Wavetek also measured inductance and I needed the meter to finish a kit I was building. I thought it would be nice to double-check some of the capacitors and inductors that were marked with their respective values. I also used it to measure the VFO frequency. Of course you could jump up in price range and get an even better digital meter with more bells and whistles. Oh, one more thing....the Wavetek, like the RS model you are looking at doesn't autorange. I don't think you can go wrong with either brand for home/amateur use.

Mike K5UX

George P. O'Connell wrote:

> Does anyone have the R/S Digital Multimeter 22-168A. It sells for 129.00 and
> has a frequency counter. Is this a good meter and is the frequency counter
adequate
> for kit construction?

>
> Any info greatly appreciated.

>
> George/N7EQH

Date: Thu, 18 Mar 1999 20:56:52 -0500
From: "T.J. \"SKIP\" Arey N2EI" <tjarey@home.com>
To: hybiske@generalatronics.com, "qrp-1@Lehigh.EDU" <qrp-1@Lehigh.EDU>
Subject: [35928] Question on the the Argonaut series
Message-ID: <36F1AEE4.1A2AAA04@home.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

>I'd like to get an idea on what the list members think of the Ten-Tec >Argonaut series.

>I'm going to Dayton this year, and was think of looking for one. >Which of the

series was considered the best, and what's a fair price >to pay for it?

While it may be somewhat controversial in some camps, I have been running the Ten Tec 535 Argonaut II for a couple of weeks now and it is hands down the best rig I have even owned (with the exception of the ones I've built myself of course). It was priced way over my head when new (around \$1400 I think). A good used price is around \$600. Still a bit high by many QRP standards but it does all bands and modes. It also has general coverage receive. (I'm an SWL too so I like that) It has bandpass tuning adjustable filtering, notch filter RX0 and 2 VFOs. I can clean up just about any signal. I laugh at broadcast interference on 40 CW. If you want any of the ARGO series I would say its the one to measure the rest by.

--

+++++

T.J. "SKIP" AREY N2EI e-mail tjarey@home.com

Website <http://members.home.net/tjarey>

Snail Mail: PO Box 236, Beverly, NJ 08010

Specialization is for insects! LAZARUS LONG

Date: Thu, 18 Mar 1999 22:03:17 -0500 (EST)
From: Chris Cartwright <ccart@dns.vidtel.com>
To: QRP Reflector <qrp-l@lehigh.edu>
Subject: [35929] Re: Hot Bands... OOPS!
Message-ID: <Pine.LNX.3.93.990318213411.1500A-100000@dns.vidtel.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Thu, 18 Mar 1999, Chris Cartwright wrote:

> the best part? Both the WL7 last night ,and the YU7 today were in the
> novice portion of the band. So go get 'em, you *have* to have a better

Ooops, the WL7 was at 21.138, but there is no Novice SSB allocation, how'd I pass all those tests and forget that one:) QRP Bliss I suppose...

-- Chris Cartwright, Technical Engineer | ccart@vidtel.com --
-- N3XRV ARRL-VE Norcal Zombie #163 | Gaithersburg, MD FM19je --
-- MDmW #5 NJ-QRP #105 QRP-L #655 NORCAL #1891 FISTS #5028 QRP-ARCI #9271 --

Date: Fri, 19 Mar 1999 01:58:15 -0000
From: "Steve Sorrell" <ap036@detroit.freenet.org>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [35930] QRP Buddy
Message-ID: <00c101be71ab\$f44a2a00\$c542b3c7@sorrells>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I don't know who all on the list gets Q'Street, but the April issue has a neat little construction article on page 47 called 'The QRP Buddy'. The little package is designed to travel and work with QRP rigs and provide a basic level of trouble shooting support. The little box has a Voltage Checker, RF indicator, Continuity Checker and a Dummy Load built into a little Rat Shack project box.
So much for complaints about no QRP articles in Q'Street, eh?

Steve Sorrell, W8SFF

Date: Thu, 18 Mar 1999 21:02:40 EST
From: AA3BP@aol.com
To: qrp-l@lehigh.edu
Subject: [35931] *****FS: NC20*****
Message-ID: <446b854c.36f1b040@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit
Content-Transfer-Encoding: 7bit

I offer my unbuilt NorCal 20 kit complete with additions for sale.

What you get...

--NC20 kit with all parts inventoried and accounted for. (Currently parts are standing neatly at attention on styrofoam boards, but can't ship them that way
-- will repackage in a user-friendly fashion with like components together.)

--10-turn Pot (QRP-L group buy)

-- Printouts of 80+ QRP-L NC20 emails covering all manner of issues, tips, troubleshooting, etc.

-- Xerox copy of PCB for later use in identifying solder bridges.

-- Construction tips downloaded from AD6A's web site.

-- A couple dozen printouts of pics from K5F0's web sit. (Intended to use these later to assist in any parts placement issues, e.g., the 10-turn pot!)

-- Postage paid anywhere in CONUS.

Price for NC20, Pot, and Shipping: \$122

Please respond by direct e-mail.

Jim, AA3BP

Date: Thu, 18 Mar 1999 22:16:06 -0500 (EST)
From: Chris Cartwright <ccart@dns.vidtel.com>
To: QRP Reflector <qrp-l@lehigh.edu>
Subject: [35932] Dumb PTO Question...
Message-ID: <Pine.LNX.3.93.990318220959.1500B-1000000@dns.vidtel.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Thu, 18 Mar 1999, Richard Arland wrote:

> First the PTO tends to get real sticky due to hardening of the lubricant

I've been on the list for three years, seen the PTO messages go back and forth, and never asked, so what does PTO stand for? To much of a farm kid I guess, PTO was "Power Take Off" for running the spreader, mower, pumps...

-- Chris Cartwright, Technical Engineer | ccart@vidtel.com --
-- N3XRV ARRL-VE Norcal Zombie #163 | Gaithersburg, MD FM19je --
-- MDmW #5 NJ-QRP #105 QRP-L #655 NORCAL #1891 FISTS #5028 QRP-ARCI #9271 --

Date: Thu, 18 Mar 1999 21:14:38 -0400
From: "Caitlyn M. Martin" <cait.martin@ibm.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [35933] Re: Linux... the other side of the coin

Message-ID: <199903190215.CAA89722@out5.ibm.net>
MIME-Version: 1.0
Content-Type: text/plain; charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

On Thu, 18 Mar 1999 12:26:41 -0800, Samuel A. Falvo II wrote:

>>
>Clearly, there's something seriously flawed in your logic, if both sides
>agree that those two points are non-issues, yet Linux is still gaining in
>popularity over Windows. Why are you so afraid?

Gaining popularity *over* Windows? Are you CRAZY??? 4 million users, vs.
135 million or so for Windows. Gaining popularity, yes. When you start
from nothing it's easy to show a large percentage of growth. Windows is
over 90% of the desktop market, followed by Mac, OS/2, and *all* flavors of
UNIX, in that order.

The rest is pure LINUX evangelism, and there is no real point in arguing
with religious zealots, is there? The numbers don't lie, though.

BTW, my favorite operating system, OS/2, is but a tiny fraction of the
WIndows market, too. For the moment, it is a bigger fraction than LINUX,
but that will likely change, since LINUX has momentum, and it doesn't.
Thats all dynamics of marketing, though, not what's superior. IMHO,
though, the best choice for a UNIX variant on a PC is Solaris X86, which
has Sun Microsystems behind it, and is also free for individual users.
(Actually, you pay a \$18 charge for media and shipping, which is less than
a boxed copy of LINUX.)

-Caity
KU4QD

Caitlyn M. Martin	"They have computers... and may have
cait.martin@ibm.net	other weapons of mass
http://www.caitys-world.com	destruction" -Janet Reno

Date: Thu, 18 Mar 1999 21:16:09 -0500
From: Russ Hines <radioruss@fuse.net>
To: gpocon@wa.freei.net

Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [35934] Re: R/S Digital Multimeter 22-168A
Message-ID: <36F1B369.70582114@fuse.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi George:

Frequency counters on DMMs are only usable to about 200kHz, and are not very accurate. Fine for general audio and power (as in 60 Hz AC) measurements, not RF.

I can't honestly recommend any R/S meter. As far as test equipment goes, you really tend to get what you pay for, so why buy cheap when good is a few bucks away? If I were spending your money, I'd buy a Fluke 73. Reasonable accuracy and around \$130 retail. Or, for closer to \$200, the Fluke 79 has the frequency measurement function and better accuracy. If you're just building kits, a bit much.

I'm not a Fluke salesperson, just a broadcast engineer who learned a long time ago to spend a few \$\$ more for good equipment. Comparable meters may be had by Wavetek and Tektronix.

In fact, lately I've been drooling over the Tektronix TX3. Nice meter. ;-)

73,
WB8ZCC

George P. O'Connell wrote:

>
> Does anyone have the R/S Digital Multimeter 22-168A. It sells for 129.00 and
> has a frequency counter. Is this a good meter and is the frequency counter
> adequate
> for kit construction?
>
> Any info greatly appreciated.
>
> George/N7EQH

Date: Thu, 18 Mar 1999 21:22:23 -0500
From: jbeckett <jbeckett@illuminet.net>
To: w1hue@amsat.org
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

Subject: [35935] Help
Message-ID: <36F1B4DF.32C9A4E0@illuminet.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

How do I unsubscribe. Will be going to hospital for a few days.

Thanks

jon

Date: Thu, 18 Mar 1999 20:40:57 -0600
From: "Bob Gobrick" <rgobrick@worldnet.att.net>
To: <ka8okh@som-uky.campuscw.net>
Cc: "\"W4DU\" <" <w4du@bellsouth.net>, "qrp-1" <qrp-1@lehigh.edu>
Subject: [35936] Re:FDIM Symposium time?
Message-ID: <000101be71b1\$ea92ec80\$d4a74b0c@w6f0e4>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi Rich,

Well from our past four years we have been hard core about getting a full day of fun QRP talks in so, for your information, plan registration at about 7 AM (with coffee) and the talks to kick off at 8 AM. I know there are guys who get up at 3 AM to drive over but most come in the night before and QRP party a little - hi.

Cheers and hope to see you there.

73/72 Bob N0EB (FDIM Publicity)

Date: Thu, 18 Mar 1999 00:49:12 -0500
From: "Rich Dailey, KA8OKH" <ka8okh@som-uky.campuscw.net>

I know the FDIM QRP symposium is on thursday May 13, but what time does it typically begin?

Rich

Date: Thu, 18 Mar 1999 18:51:42 -0800
From: Russ Dow <n7dw@garlic.com>
To: ap036@detroit.freenet.org
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [35937] Re: QRP Buddy
Message-ID: <36F1BBBE.476E29ED@garlic.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Just got my issue today. That article looks on the level.
Howsomever, beware of the April issues of _all_ U.S. ham magazines.
Maybe the Brits' and Canadians' ham mags too.
There's invariably one article in each of them to pull our chains!

73, Russ N7DW ** Sierra operator ** Fists #4714

Steve Sorrell wrote:

> I don't know who all on the list gets Q'Street, but the April issue has a
> neat little construction article on page 47 called 'The QRP Buddy'. The
> little package is designed to travel and work with QRP rigs and provide a
> basic level of trouble shooting support. The little box has a Voltage
> Checker, RF indicator, Continuity Checker and a Dummy Load built into a
> little Rat Shack project box.
> So much for complaints about no QRP articles in Q'Street, eh?
>
> Steve Sorrell, W8SFF

Date: Thu, 18 Mar 1999 18:02:20 -0900
From: Jim Larsen AL7FS <al7fs@pobox.alaska.net>
To: "qrp-1@lehigh.edu" <qrp-1@lehigh.edu>
Subject: [35938] AL7FS QRP Starter Page turns 100
Message-ID: <36F1BE3C.C41D21C7@pobox.alaska.net>

MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Greetings from Alaska,

I am glad you are all enjoying my first attempts at a web page. The counter turned 100 today. That's less than 5 days and I didn't track the first 2 1/2 weeks.

I will be writing an article a month for fun and for our local ham club newsletter. All articles will be posted to my web page each month.

Have fun...I know I am!

--

73, Jim, AL7FS -- Anchorage, Alaska
mailto:al7fs@qsl.net <http://www.qsl.net/al7fs/>

Date: Thu, 18 Mar 1999 22:04:50 -0500
From: Pete Burbank <plburbank@kih.net>
To: <qrp-l@Lehigh.EDU>
Subject: [35939] Re: Dumb PTO Question...
Message-ID: <3.0.32.19990318220447.006e10ec@kih.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

>I've been on the list for three years, seen the PTO messages go back and
>forth, and never asked, so what does PTO stand for?

Chris...not so dumb...I get overwhelmed with initials too!

It stands for Permeability Tuned Oscillator. Collins used them extensively.

Usually made in a sealed can for stability, sometimes a double can with a heater.

A large slug is driven in and out of a coil to tune the osc circuit. The slug rides on the driven shaft which has a wide thread. Linearity is achieved by allowing the slug to "rock" slightly in certain places instead of travel linearly.

73 Pete NV4V

Date: Fri, 19 Mar 1999 03:04:12 -0000
From: "Steve Sorrell" <ap036@detroit.freenet.org>
To: <n7dw@garlic.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: [35940] Re: QRP Buddy
Message-ID: <00e501be71b5\$2b6dfbc0\$c542b3c7@sorrells>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="Windows-1252"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Really guys, you gotta stop listening to Art Bell, the paranoia is coming
thru, geez!
de Steve, W8SFF

Date: Thu, 18 Mar 1999 22:24:23 -0500
From: Steve <smann@advi.net>
To: n7dw@garlic.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [35941] Re: QRP Buddy
Message-ID: <36F1C367.45D6@advi.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Russ Dow wrote:

>
> Just got my issue today. That article looks on the level.
> Howsomever, beware of the April issues of _all_ U.S. ham magazines.
> Maybe the Brits' and Canadians' ham mags too.

For the April Fools article in QST, check the "Smoketron" article on
pp59-60.

Don't you just love the screws on the top of the ICs so that you can
recharge them with smoke after they loose their smoke when they fail?
HA!

Steve, N4EY
Toast, NC

Date: Thu, 18 Mar 1999 21:35:58 -0600
From: Kevin Gibson <kgibson@sparc.isl.net>
To: psykey@okcforum.org, qrp-l@Lehigh.EDU
Subject: [35942] Re: Cheap 80M xtals (for Pixie2)?

Message-ID: <36F1C61E.28F097B1@isl.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

You can get stock computer crystals on 3.6864 MHz for \$0.69 at most large electronics parts outlets. Right in the 80M novice band. Work great in the Pixie2.

Jim Glover wrote:

> OK--
>
> I just ordered my Pixie2. I'm gonna build it for 80M, and so I'll
> need some cheap 80M crystals. I'd like everyone's comments about
> what frequencies I should rock up for on 80, and sources to get 80M
> crystals for the Pixie2, cheap (that's including shipping/handling).
>
> Thanks!
> --Jim WB5UDE
>
> (P.S. So how's that for a short, succinct, easily identifiable
> question? ;)

--

kgibson@isl.net

ICQ# 27544059
<http://www.icq.com/icqme.html>

Date: Thu, 18 Mar 1999 22:47:45 -0500
From: GRW <n8ayy@amsat.org>
To: qrp-1@Lehigh.EDU
Subject: [35943] F/S 6 Meter FT-690R II
Message-ID: <36F1C8E1.18BBEA98@amsat.org>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Selling rig for a friend so please email Tom direct to the address listed at the end of this message. Thanks. (I just sold mine on this

list this week).

I have For Sale a "like new" Yaesu FT-690RII all mode 6 meter radio. Time on this less than one year old radio is five hours and has never been mobil.

Comes standard with FM, SSB and CW at the 2.5 watts level. Also comes standard with the clip-on amp taking power up to 10 watts output, whip antenna and mic.

Original books, box, and packing as from the factory. Non-smoker.

Shown in my last R&L catalog at \$698.00
This "as new unit" is for sale at \$450.00 plus shipping and insurance.

Please email direct to Tom/KA8PGB and not to my email.

Email direct to: tburgess@tcadvertising.com

Date: Thu, 18 Mar 1999 19:58:08 -0800
From: Jim <w7ls@blarg.net>
To: w1hue@amsat.org, qrp-1@lehigh.edu
Subject: [35944] Re: Silver Key Contacts
Message-ID: <36F1CB50.FDD4F6FA@blarg.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi. Silver oxide is actually a better conductor than the uncorroded silver. It might not look as good, though. At least that's what I've been told by guru-class hams :-)

Jim W7LS

Larry East wrote:

> >From a recent post:
>
> >Hi Bill, Before I started using the silver contacts supplied by W7LS, I
> >used solid silver wire.
>
> I have some of those silver contacts from W7LS, but for the life of me, I
> can't see how to use 'em with my K8FF (a.k.a. NorCal) paddle without making

> special threaded "studs" and attaching the contacts to them. Perhaps I'm
> missing something obvious here... Anyway, I've decided that maybe its not
> such a good idea to use silver key contacts because they corrode over time
> if not constantly used. Had that happen with an antenna relay that set idle
> for a few years. Stainless steel may not be as good a conductor, but it
> won't corrode (at least not much...). Besides, I'm just keying microamps,
> NOT milliamps (or Amps!) as in the "old days"! So ... guess I'll just keep
> the silver contacts in a little zip-lock bag until I find a use for them
> (and by that time, I'll have forgotten where I put them! :-)
>
> The bigger problem (to me) is insuring good contact thru the bearings ... I
> considered soldering flexible "straps" (made from solder wick) between the
> arms and the posts, but that would not be ascetically pleasing! :-) (Yeah,
> I know, "make it work and to hell with the looks!" :-) Guess I'll just
> stick with graphite lubricant...
>
> BTW -- If you want to see my solution to the wide paddle-handle spacing,
> see the "Key Gallery" on the Norcal WEB site:
>
> <http://www.fix.net/~jparkernorcal/gallery/huepad.htm>
>
> W1HUE/7's Random Ramblings from Idaho.

Date: Thu, 18 Mar 1999 20:01:40 -0800
From: Jim <w7ls@blarg.net>
To: psykey@okcforum.org, qrp-l@lehigh.edu
Subject: [35945] Re: Cheap 80M xtals (for Pixie2)?
Message-ID: <36F1CC24.6DF2E337@blarg.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

3686.4 KHz rocks cost a buck and a quarter, several places, including
Digikey.

Jim W7LS

Jim Glover wrote:

> OK--
>
> I just ordered my Pixie2. I'm gonna build it for 80M, and so I'll
> need some cheap 80M crystals. I'd like everyone's comments about
> what frequencies I should rock up for on 80, and sources to get 80M

> crystals for the Pixie2, cheap (that's including shipping/handling).
>
> Thanks!
> --Jim WB5UDE
>
> (P.S. So how's that for a short, succinct, easily identifiable
> question? ;)

Date: Thu, 18 Mar 1999 23:04:35 -0500 (EST)
From: "Paul R. Valko" <prvalko@oakland.edu>
To: David Fifield <fifield@pacbell.net>
Cc: QRP List <qrp-l@lehigh.edu>
Subject: [35946] REPAIR JOB: NC-20, The END!!! (Thank Goodness!)
Message-ID: <Pine.OSF.3.95.990318225336.17735A-100000@saturn.acs.oakland.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Thanks for everyone's patience. The long awaited 2N5457 FET came in today's mail from TechAmerica. \$0.42ea + \$4 shipping (YIKES!) but worth it. TA packed the FETs in a static-proof bag, too.

Replacing Q9 (am MPF102) with the 2N5457 is THE fix if you have even the slightest suspicion that the AGC of your new NC-20 has any "thump" or "pop" when you transmit.

Q9 is the mute FET in the NC-20, and as Dave Fifield himself said,

> you need to replace the MUTE FET Q9 (MPF102) with another device since
> this one is hokey! Use a J309A or 2N5457 FET if possible -
> MPF102's are horribly unreliable, as we've found out from this kit!

My NC-20 keys silently and wonderfully! Now to put the 10 turn pot in it and button it up.

Thanks to everyone for the help in figuring this out. Replace your Q9 if you even THINK there is some "thump" noise in your headphones when you key the NC-20.

73! =paul= W8KC
Collector of Ten*Tecs and other fine plastics
<<http://www.acs.oakland.edu/~prvalko>>

Date: Thu, 18 Mar 1999 23:12:16 -0500
From: "Hugo W. Catta" <hugo@banet.net>
To: hw.merz@t-online.de
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [35947] Re: How does Sierra behaves in Europe?
Message-ID: <36F1CE9F.7C6C1B40@banet.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=iso-8859-1
Content-Transfer-Encoding: 8bit
Content-Transfer-Encoding: 8bit

"Hanns W. Merz" wrote:

> Steve,
>
> This very small PA fits easily on the inside rear panel near the antenna jack.
> You have to drill four holes into the rear panel for the transistor mounting
> scr

.....snip.....

> This PA works great and produces a very clean signal on all bands if the input
> gain is not too high. Best of all is that it gives a RF power of max 8 to 9 watts
> even on 10m.

.....snip.....

Hanns:

Correct me if I'm wrong. I read somewhere that this is not a class C amplifier.

If it is biased for linear operation what is the idling current?

72, 73 de
Hugo
CX9AAK\W2

Date: Thu, 18 Mar 1999 22:29:59 -0600
From: sda <sda@bellsouth.net>
To: qrp-1@Lehigh.EDU
Subject: [35948] FS/FT: New Butternut HF9V-X
Message-ID: <199903190430.XAA13985@mail3.lig>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Been debating whether to keep this baby or not but have decided to sell it. It is brand new, never used, never even built, in original box with manual, etc. Purchased from HRO 6 weeks ago for \$299.

Sell for \$260 shipped, or consider trades for/toward:

1. MFJ-259 SWR Analyzer w/ MFJ-66 Dip Meter Adapter
2. A working, properly calibrated Tektronix 7600-series oscilloscope (i.e. the 7603) with plug-ins, probes, and manual. ;-)
3. Wilderness Sierra (unbuilt) with 3+ band modules

Email if interested.

Todd Atkins, K4MSW
Baton Rouge, Louisiana

<http://www.qsl.net/k4msw>

Date: Thu, 18 Mar 1999 22:32:49 -0600
From: Conard Murray <ws4s@InfoAve.Net>
To: ccart@dns.vidtel.com, Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [35949] Re: Dumb PTO Question...
Message-ID: <018a01be71c1\$8cae1bc0\$886a90cf@pentagrid>
MIME-version: 1.0
Content-type: text/plain; charset="iso-8859-1"
Content-transfer-encoding: 7bit
Content-Transfer-Encoding: 7bit

PTO means Permeability Tuned Oscillator. Funny, I had to ask about the power take off definition of the term when I ran across the term PTO used with an engine ...

73,
Conard, WS4S
Happy K2 owner

Date: Thu, 18 Mar 1999 23:36:12 -0600
From: "George T. Baker" <w5yr@swbell.net>
To: radioruss@fuse.net
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [35950] Re: R/S Digital Multimeter 22-168A
Message-ID: <36F1E24C.D9BD3335@swbell.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

One "pro" for the Radio Shack meter is its capability to exchange data with a PC over a serial port cable. The program provided on diskette is adequate for remote data logging, etc. and the command structure is straightforward enough to encourage one to write special-purpose programs as needed.

72/73, George

Amateur Radio W5YR, in the 53rd year and it just keeps getting better!
AutoPOWER Systems, Fairview, TX (30 mi NE Dallas) Collin County
QRP-L QRP-ARCI FISTS NORCAL ZOMBIE #522 ARS 10-X 33.2 N 96.6 W EM13RE

Date: Fri, 19 Mar 1999 01:11:19 -0500
From: "Wilford D. Lindsey" <70511.3041@compuserve.com>
To: QRP-L Discussion Group <QRP-L@Lehigh.edu>
Cc: "W.D. (Doc) Lindsey/K0EVZ" <70511.3041@compuserve.com>
Subject: [35951] WHA:More Research Needed
Message-ID: <199903190114_MC2-6E8D-7F0F@compuserve.com>
MIME-Version: 1.0
Content-Transfer-Encoding: 7bit
Content-Type: text/plain; charset=us-ascii
Content-Disposition: inline
Content-Transfer-Encoding: 7bit

Gang:

Interested in others' findings re improved methods of feeding the WHA. I have only been using RG-8X, and have not had time to try other feedlines. Do you think ladder line would be an improvement? Or maybe hardline? Need to do all I can to put maximum signal into this technically advanced antenna, obviously a major leap forward in antenna SOTA.

Thanks to one and all. Will post results for all to read ASAP.

72,

--Doc Lindsey/K0EVZ
DSBF
PO BOX 7187
Bismarck, ND 58507
70511.3041@compuserve.com

72,

--Doc Lindsey/K0EVZ
DSBF
PO BOX 7187
Bismarck, ND 58507
70511.3041@compuserve.com

Date: Fri, 19 Mar 1999 01:25:30 -0500 (EST)
From: George Gingell <k3tks@u1.abs.net>
To: QRP List <qrp-l@Lehigh.EDU>
Subject: [35952] re: de soldering
Message-ID: <Pine.BSI.3.96.990319011230.16541A-100000@u1.abs.net>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Yes, a blast of Air can often do the trick when trying to UN-Solder a component on the pcb.

There is one real BIG Problem that could occur when using this procedure.

You could very well LOSE an EYE! Hot solder in the face is not a pretty sight!

No, I do not speak from experience, Just a real Close Call. Darn Lucky

for me that I WAS WEARING my SAFETY GLASSES ! Now days I must wear them just to see the bits and pieces, often with the Jewlers Loupe Attached as well:^^)

I find that the Solder Sucker (Squeeze Bulb type) works fine in either the suck or blow mode. Canned air is also useful at times. Usually, though "Solder Wick" is the best choice in the first place.

If you must use the "Personal HOT Air" approach, PLEASE use Protective Eyeware and maybe either a Straw, section of Coax Scrap (wire removed) or even a length of metal tubing as a Blow Tube. Anything that will put

the Eyes and Face in the Safety Zone.

Don't want to lose any good QRPers here on the list..

Sir George, The First :^)

72 ES

QRP DX TU (C) 1986, G. "Danny" Gingell, K3TKS@ abs.net

QRP A.R.C.I. Net Manager and Board of Director Member.

Gingell & Company, Ltd. Small Business Telephone Systems

Notary Public and Locksmith Services

George D. Gingell, Jr. 3052 Fairland Road, Silver Spring, MD 20904-7117

Maryland Milliwatt Club QRP Reference Library, (301)572-6789

Maryland Milliwatt Club Founder and Trustee of Club Station - WQ3RP -

Grid Square FM19mb 76.94 W - 39.06 N Silver Spring, MD 20904 QRPea.A.

Date: Fri, 19 Mar 1999 00:24:46 -0700 (MST)

From: Paul Harden <pharden@aoc.nrao.edu>

To: qrp-l@lehigh.edu

Subject: [35953] Atlanticon badges

Message-ID: <Pine.SOL.3.91.990318235700.16909D-100000@zia>

MIME-Version: 1.0

Content-Type: TEXT/PLAIN; charset=US-ASCII

Dear highest, most esteemed Atlanticon attendees:

A little while ago, I was asked by the NJQRP to design a silly logo or something for an official Atlanticon badge. Nothing seemed to inspire me until a really dumb idea popped into my head the other night. So drew it up, scanned it, and emailed it to George, who loved it. Well, one thing led to another, and after congressional approval and a council of war (well, that's what George said!), we've decided to make them just like the Zombie badges. So I've called in the official NorCal witchess Sandra and understudy Olivia who will be coming in saturday to make 150 badges just like the zombie badges. They will be printed in a couple of colors, will be sequentially numbered with your pre-registration number and first name and calls put on them, then laminated with the alligator clip thingie. And we'll have a few extras for those of you who decide at the last moment to show up, so you won't be left out either. And all of this for the same low admission price ... FREE! Collector's items to kick off the first annual QRP Atlanticon at Timonium/Baltimore. BTW, what does Timonium mean? Sounds like a rock that glows in the dark!

I'll be bringing Zombie badges too, for those of you who want a QRP badge for both left and right sides. Brag you're a QRPer in STEREO! In full

Atlanti-phonc sound.

Can you tell I'm excited about Atlanticon? I'm really looking forward to the great show the NJ fellas have organized and meeting a whole bunch of new faces. A neat way to link the west coast QRPers to the east, unifying this great hobby of ours to make it even stronger, and funner! Maybe I'll bring a bottle of water from this side of the continental divide and plant a tree or something. Chuck can draw his bottle from the Pecos River. I know Texas has plenty of water ... they've been sucking it out of New Mexico for years!

So what's the Atlanticon weather like? No reports yet. It snowed here for the first time all winter, which suddenly got me interested in the wx.

CU friday,
72, Paul NA5N

Date: Fri, 19 Mar 1999 00:33:13 PST
From: "Justin McAllister" <kd5ako@hotmail.com>
To: carmodyjim@earthlink.net, qrp-1@Lehigh.edu
Subject: [35954] Re: Shame on you! No antenna? Got 10 minutes?
Message-ID: <19990319083314.18930.qmail@hotmail.com>
Mime-Version: 1.0
Content-type: text/plain

At school, for portable QRP operation on 40 and 80, I use a somewhat random wire ant...

Went to Radio Shack and bought a package of "Enamel-Coated Magnet wire." Cost about \$3. It contains 40ft of 22 gauge, 75 ft of 26 gauge, and 200 ft of 30 gauge.

I take the 40 and 75 foot rolls to school, along with the tuner(AEA Mdl. ET-1, kinda bulky) and attach the 75 ft piece to the "wire" terminal on the back, and the 40 footer to the ground lug.

I throw the 40 foot piece(still on the spool) out the window onto the gravel roof and it rolls most of the way out. Then I run the 75 foot piece around the top corners of the classroom(upstairs,)going through loops of string at each corner. Let the end with the spool hang out of reach, which keeps the whole thing snug and away from people. Then, I tap away at the CW. After the first time, we knew what we were doing, and it took 3 minutes to set the whole thing up. Worked all accross the country on a few watts, and the thing weighs about 2 oz. minus the tuner.

I have the 200 footer run out the window at home, a few feet to a nearby tree, and then to fishing line shot over a 40 ft cottonwood in the front yard. Actually tunes up on 160-10, just about flat everywhere, and works about as well as the pruned dipoles on the tower on the low bands. 30 gauge is rather thin, though.

Course, I also believe in the trusty ol' dipole whenever its use is feasible.

The point again, it don't take much to get a signal!

Justin McAllister, KD5AK0

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Date: Fri, 19 Mar 1999 10:21:52 +0100
From: "Peter Zenker" <Peter_DL2FI@csi.com>
To: "'QRP-L via PoP3'" <qrp-l@lehigh.edu>
Subject: [35955] DL-QRP-PA english description
Message-ID: <000a01be71f5\$88ba75c0\$6a26e8c3@zenkerpn>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi all,
some of you informed me, that FUNKAMATEUR has sent out German description with the PA only. Because I have been on a business travel (met our new CEO, Perking Elmer has been sold to EG&G) I could not react earlier.
The guys from FUNKAMATEUR promised me to have a PDF file in english language on their WEB page <http://www.funkamateur.de> this day. Also they will send it directly to all known e-mail orders.

Sory for all the trouble, and you can be sure, the next kits of DL-QRP-AG will be handled by the club itself and NOT by a dealer
Our 6m txvr kits are near to be complete (missing only the Xtals, but the vendor promised to send within the next two weeks, our Micro SWR Meter and Micro tuner also will be ready next month.

72 de Peter
DL-QRP-AG Chairman

Date: Fri, 19 Mar 1999 11:44:44 +0100
From: "Peter Zenker" <Peter_DL2FI@csi.com>
To: <hugo@banet.net>, "'Low Power Amateur Radio Discussion'" <qrp-1@lehigh.edu>
Subject: [35956] AW: How does Sierra behaves in Europe?
Message-ID: <001301be71f5\$a3c3d8c0\$6a26e8c3@zenkerpn>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 8bit
Content-Transfer-Encoding: 8bit

You are right, its a linear cobstructed for SSB use and CW use. Idling current is switched off during receive.
Idling current is 200 mA. We measured the first distortions if we gained more the 30 dB

Peter, DL2FI

-----Urspr ngliche Nachricht-----
Von: owner-qrp-1@Lehigh.EDU [mailto:owner-qrp-1@Lehigh.EDU]Im Auftrag von Hugo W. Catta
Gesendet am: Freitag, 19. M rz 1999 05:12
An: Low Power Amateur Radio Discussion
Betreff: Re: How does Sierra behaves in Europe?

"Hanns W. Merz" wrote:

> Steve,
>
> This very small PA fits easily on the inside rear panel near the antenna jack.
> You have to drill four holes into the rear panel for the transistor mounting
> scr

.....snip.....

> This PA works great and produces a very clean signal on all bands if the input

> gain is not too high. Best of all is that it gives a RF power of max 8 to 9 watts
> even on 10m.

.....snip.....

Hanns:

Correct me if I'm wrong. I read somewhere that this is not a class C amplifier.

If it's biased for linear operation what is the idling current?

72, 73 de
Hugo
CX9AAK\W2

Date: Fri, 19 Mar 1999 11:39:47 +0100
From: "Peter Zenker" <Peter_DL2FI@csi.com>
To: <hw.merz@t-online.de>, "'Low Power Amateur Radio Discussion'" <qrp-1@lehigh.edu>
Subject: [35957] AW: Sierra and PA module
Message-ID: <001201be71f5\$9fdf72a0\$6a26e8c3@zenkerpn>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 8bit
Content-Transfer-Encoding: 8bit

Here is the copy of the instruction, I posted to the list some time before
72 de Peter
k, I got so many requests, so I think it's ok to post it to the list. For
other txvrs it should be easy to modify this information.

The PA has a 50 Ohm input, that makes it easy to build it into a Sierra.

1. Remove PA Transistor Q7
2. Remove Diode D7 (That is the Zener Diode used to protect the PA transistor against high voltage, it is no longer needed because the PA is self protected.

3. According to newer versions of the SIERRA manual, R15 should be 49 Ohm - make sure it is.
4. Remove L10 (That is the choke to bring Vcc to the old PA transistor)
5. drill a hole just above the BNC connector into the backplane. This is for the power regulator pot. Diameter of the hole as big as you need it to mount a pot. ATTENTION the high above the BNC connector depends on the diameter of the pot. Mount a 1k lin Pot into the hole.
6. Hold the PA momentarily at the backplane abt 1cm below the upper end and abt 1cm right of the pot. Mark the 4 holes you need through the holes of the 4 transistors to the backplane.
7. drill the 4 mounting holes for the PA.
8. Mount the PA using insulators for the transistors and for the screws as well (the standard mounting form for this transistor case if it has to be insulated.) Make absolutely sure that the transistors are isolated from the backplane because they are hot. If you have a short here, R5 at the PA will burn immediately. (had this failure by myself twice ;-)
9. Cut 2 short lengths of RG174 or similar 50 Ohm coax. One must be long enough for a connection of the former D7 place to the upper right corner of the PA, the other from R15 location to the input leg of the pot. Deinsulate both ends of the coax for abt 1cm
10. solder the shorter piece of coax one end across R15. Inner conductor to the side of the resistor which looks to the plug in connector, shield to the backplane side. Solder the other coax with the inner conductor to the input side of the pot and the shield to the most upper corner of the PA (ground point). Solder a piece of wire between the wiper of the pot and the PA input point.
11. Solder one end of the other coax to the Pads of former D7. Inner conductor to left side, shield to the right side. Solder the other end of the coax to the output pins of the PA.
12. solder an insulated wire between the E/S point (German for Receive/Transmit) at the lowest left corner of the PA to the point at the Sierra board labeled "K" (right back corner near to the key in port)
13. solder an insulated wire between Vcc (lower right corner of PA) to the right side of D6

That's all. No further alignment needed. The PA uses the standard Low Pass configuration. Until now no problems with the Voltage ratings of the C in the LPF are known although some of us used the PA at 7 to 8 Watt level up to 30 MHz. Use the Pot to regulate the power. Those who would like to control the PA current may install an milliammeter between point X6 and ground. (X6 is the almost upper Pin in the right upper corner)
Have fun

72 de Peter
DL-QRP-AG

-----Ursprüngliche Nachricht-----

Von: owner-qrp-1@Lehigh.EDU [mailto:owner-qrp-1@Lehigh.EDU] Im Auftrag

von Hanns W. Merz

Gesendet am: Freitag, 19. März 1999 00:31

An: Low Power Amateur Radio Discussion

Betreff: Re: Sierra and PA module

Jerry,

as far as I know does not exist a web page with instructions for installation of the PA module into the Sierra. But my experience is that it is not so difficult to get the PA into the Sierra. The most important thing is to keep the coax leads short (and above all the unshielded parts of the coax!). I remember that I did some experiments looking for the best connection to GND. (The PA transistors are to be mounted insulated at the rear panel.) Let me see if I can send you some helpful pictures or so by direct email.

55 es 72,

Hanns, DK9NL

> Hanns,

>

> I have the Sierra and just received the FUNKAMATEUR PA module. I am
> waiting for the English instructions to appear on their web page.

>

> Does a web page exist with specific instructions for installation of the
> PA module into the Sierra? I would like to know all the details before I
> proceed.

>

> Thank you,

>

> Jerry, N4EO

>

Date: Fri, 19 Mar 1999 11:30:24 +0100

From: "Peter Zenker" <Peter_DL2FI@csi.com>

To: <paolo.sassoli@italtel.it>, "'Low Power Amateur Radio Discussion'" <qrp-
l@lehigh.edu>

Subject: [35958] AW: How does Sierra behaves in Europe?

Message-ID: <001001be71f5\$98e62b60\$6a26e8c3@zenkerpn>

MIME-Version: 1.0

Content-Type: text/plain;
charset="iso-8859-1"

Content-Transfer-Encoding: 8bit

Content-Transfer-Encoding: 8bit

Hallo Paolo,

beside me I know som dozen of ops using the Sierra here in Europa and believe me, its great. I am living in the city of Berlin, I cannot use my scope without throwing the antenna feeder line out of the window during evening hours while using the scope at sensitive range.

The SIERRA handles the intermodulation problem very well, but in its original form you have to use the RF attenuator pot. The better way is to do a slight modification: I built in a very small ceramic filter for 7020 khz. It has only a little more then 3 dB attenuation, but it cuts off all frequencies outside the european 40m band more then 50 dB. This filter is availeable by HB9AFR and it is cheap (only 15,- DM plus pp)

If you are interested, I can forward you some pictures we did with a spectrum analyzer.

By the way, you can buy the Sierra without custom problems in Germany. Look at <http://www.funkamateurl.de> they offer also a kit for hour famous

DL-QRP-PA, a former club project that fits very well into the Sierra (and other QRP rigs)

Peter, DL2FI

DL-QRP-AG

-----Urspr ngliche Nachricht-----

Von: owner-qrp-1@Lehigh.EDU [mailto:owner-qrp-1@Lehigh.EDU]Im Auftrag von Paolo Sassoli

Gesendet am: Mittwoch, 17. M rz 1999 14:22

An: Low Power Amateur Radio Discussion

Betreff: How does Sierra behaves in Europe?

Hi to all;

Is there anyone in Europe using the Sierra that could tell me how it works?

I mean, can I think to buy it and use it on 40 meters, where the RF level from broadcast stations is enough to light up the shack in the night? (from 7.100 to 7.500 MHz and a dipole 30 meters above ground the S meter of my JRC is always over S9+30 dB!)

Besides,
as the new NC20 has been designed to handle the
european conditions on 20 meters, using a high level passive
mixer for the first IF conversion, I wouldn't like to discover
the NE602 of the Sierra suffers from intermods under some
severe conditions.

I'm planning to order one but, before, I have to decide
with which band modules; 15 meters are sure
but would like to add some others.

Any suggestions?

Thanks to all.

Paolo IK2LNH

Date: Fri, 19 Mar 1999 06:28:44 -0500 (EST)
From: "L. B. Cebik" <cebik@utkux.utcc.utk.edu>
To: Paul Harden <pharden@aoc.nrao.edu>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [35959] Re: Atlanticon badges
Message-ID: <Pine.GS0.4.10.9903190623510.14817-100000@larry.cas.utk.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Fri, 19 Mar 1999, Paul Harden wrote:

>the first annual QRP Atlanticon at Timonium/Baltimore. BTW, what does
>Timonium mean? Sounds like a rock that glows in the dark!

>

Actually, as pandamonium is related to the panda, so too is Timonium
related to the tic. A kind of free for all (who register) that leaves you
with the itch to build something small, be it rig or antenna. Or
something big, if you bring a panda with you. Or bigger, if you believe
in HOHPLs.

Looking forward to the shindig--which has nothing to do with either my
shins or a shovel.

-73-

LB, W4RNL

Date: Fri, 19 Mar 1999 08:04:21 -0500 (EST)
From: Chris Cartwright <ccart@dns.vidtel.com>
To: QRP Reflector <qrp-l@lehigh.edu>
Subject: [35960] Re: Dumb PTO Question... TNX
Message-ID: <Pine.LNX.3.93.990319080234.396A-100000@dns.vidtel.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Thu, 18 Mar 1999, Richard Arland wrote:

> PTO stands for Permability (SP) Tuned Oscillator.

No less than a dozen replys! Guess I was the only one who didn't know :)
tnx guys!

-- Chris Cartwright, Technical Engineer | ccart@vidtel.com --
-- N3XRV ARRL-VE Norcal Zombie #163 | Gaithersburg, MD FM19je --
-- MDmW #5 NJ-QRP #105 QRP-L #655 NORCAL #1891 FISTS #5028 QRP-ARCI #9271 --

Date: Thu, 18 Mar 1999 20:28:14 -0500
From: hamjoel@juno.com
To: qrp-l@lehigh.edu
Subject: [35961] psk31 or there-abouts
Message-ID: <19990319.080200.-277637.0.hamjoel@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi Peoples of the qrp-l

Thought this might be of interest.... while playing on twenty meters today I bumped across a psk qso in progress.... soooos I spearmented...

I turned the filter on the new improved qrp+ down to 100 cycles er hz... got the signal in the pass band and listened

ks4tl chating with w5brr and then another station came in, with brr I think, and all the time I had solid copy er print... hee hee and no, but not one bit of interference from any other station... after all, the filter was set at the 100hertz setting.... 'mazing....

sure looks like psk 31 would really be hot... in bad conditions... when

camping with a laptop and qrp rig... not to mention a K-2 ... so I won't... hee hee....you can turn the audio output to ur ears off... no noise operating... everything u need is on the screen, easy to see... kinda makes "inside the sleeping bag" operation a snap.... don't even need a flashlight that much... sstv operation or rtty a snap also...

'course one could grab the cw key or keyer and a set of headphones or even mikeeeephone and leave the computer home...

car camping, canoe camping, rv camping... short hike camping.....Hmmm maybe if I got a bigger kayak???

C U

joel kella a displaced south louisiana cajun ... in maine...

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or call Juno at (800) 654-JUNO [654-5866]

Date: Fri, 19 Mar 1999 07:38:53 -0600
From: "Nathan Odle" <nodle01@mail.coin.missouri.edu>
To: <qrp-l@lehigh.edu>
Subject: [35962] NC20 Mods
Message-ID: <000001be720d\$d5bc95c0\$8dc9ce80@nathan.missouri.edu>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Would it be possible for someone to come up with a complete list of the NC20 mods and put them up on the NorCal page? I'm building my NC20 now, and have been trying to put as many "hop-up" parts in as possible from the get-go. Here's what I've come up with so far, from looking at the NorCal page and this list (all sockets are the good gold-plated machined pin type):

1. 10-turn pot (I wouldn't build this rig without one!)
2. Replaced the 2N5179 at Q7 with an MRF904.
3. Replaced the MPF102s with 2N5457s.
4. Socketed Q5 (I think, I don't have the schems here), the dual op-amp, replaced it with a \$9 one out of the TechAmerica catalog. We'll see how much better it works - I'm not convinced yet...

5. Soldered switch on the bottom of the board to select between auto/manual AFA operation - did NOT cut hole in case (how often are you really going to need to change this?).
6. Putting SuperTick (TiCK-3) on order, socket is ready.
7. Socketed AFA in anticipation of an upgrade from Red Hot Radio :)
8. Going to see what else I can do in the way of a final...
9. Looking into getting my case powder-coated fluorescent yellow or orange. Easier to find when the strap on my pack breaks and it falls into the stream. Plus it'll look cool :)

Anyhow, if there's anyone else that can add to this list and put it up under the NC20 info on the NorCal page, I'm sure QRP-L will appreciate it. Knowing all the parts necessary at once, it just takes ONE (or maybe two) Mouser/Digi-Key/TechAmerica orders instead of 5...and a guy can save a little more on shipping!

73,
Nathan
KB0NNV

Date: Fri, 19 Mar 1999 08:56:50 -0500 (EST)
From: George Gingell <k3tks@u1.abs.net>
To: QRP List <qrp-l@Lehigh.EDU>
Subject: [35963] Home Brew Rig
Message-ID: <Pine.BSI.3.96.990319081733.4685B-100000@u1.abs.net>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi Brad,
I saw your posting about the QRP rig that Glows in the Dark on QRP-L.

I looked in a few old ARRL Handbooks to see if I could find anything useful on it. The most interesting was a 6146 Osc. Only CW rig for 75 Watts. The 1957 ARRL HB Page 173.

The only other thing I found related was the tube charts and specifications.

The 6146 has the Plate connector on the top of the tube. Pins 2 and 7 are the filament connections (6.3 VAC @ 1.25A)

Pins 1,4,& 8 are internally connected to the Cathode.

Pin 5 is the Control Grid (- Bias around 60V)

Pin 3 is the Screen Grid. (+125 or + 80V) on the Osc Rig.

The Plate Voltage is About + 500 Volt @ 140 Ma in TX or +280 V in Tune Position. There is a switch In the Power Supply At The Regulator Tube which Drops the Voltages down for Tune up.

The Chart for the 6146 Shows the Following for Class C CW Operation.

Plate Volt +750, Screen Voltage +160, Grid Bias - 62V, P 120Ma, Scr 11 Ma, Grid 3.1 Ma, Drive approx .2W, Ave Output Power 70 W.

Not sure about that Info as another bit of info Suggests Max Dissapation as 25 Watts at 750 V and Screen Dissapation of 3 W at 250 Volts.

I am sure some of the real Glowbug chaps on the list can give you the scoop.

Here is the Pin out for the 6L6 :

Top Cap= Plate Connection

Pins 2 & 7 = Filament Connections. (6.3VAC @ .9A)

Pin 5 = Control Grid

Pin 3 = Screen Grid

Pin 1,4 & 6 = Cathode connection

Pin 8 = Tube Shield.

12AT7 (Dual Triode)

Pin 1 = Plate 2

Pin 2 = Grid 2

Pin 3 = Cathode 2

Pin 6 = Plate 1

Pin 7 = Grid 1

Pin 8 = Cathode 1

Pins 4 & 5 are Filament connections (12.6VAC @ .015A)

Pin 9 = Heater Center Tap (6.3VAC @ .3A)

Pins count Clockwise when viewed from the bottom.

I am also reasonably sure that you can get more information from our friends at ARRL. I would also suggest that you keep an eye out at Hamfests

for Older ARRL Handbooks. I don't have a Complete Set, but I have quite a few Going back as far as 1942. No, I am not quite that old. Yes, I am I really was born then, but not a Ham til '62 :^)

I built my collection over the last 10-15 years as I ran the Technical Library at the Old Maryland Radio Center. When it closed up, I got most of the best stuff. I am still trying to find room to setup my library again.

Most of The Maryland Milliwatt Club QRP Reference Library is currently in Storage.

Hope this is of some use to you, let me know if I can look something up for you.

Sir George, The First :^)

72 ES

QRP DX TU (C) 1986, G. "Danny" Gingell, K3TKS@ abs.net

QRP A.R.C.I. Net Manager and Board of Director Member.

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Maryland Milliwatt Club QRP Reference Library, (301)572-6789

Maryland Milliwatt Club Founder and Trustee of Club Station - WQ3RP -

Grid Square FM19mb 76.94 W - 39.06 N Silver Spring, MD 20904 QRPea.A.

Date: Fri, 19 Mar 1999 06:47:54 -0700

From: Niel Skousen <skousen@srv.net>

To: qrp-l@lehigh.edu, K1EL@aol.com

Subject: [35964] Re: psk31 or there-abouts

Message-ID: <4.1.19990319063622.009d90c0@if.sciencetech.com>

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

I kinda can't wait to see if K1EL's little RTTY-PIC (or it's brother) will do PSK31, visions of psk31 coming out of my Pilot/PDA on a QRP backpacking trip... <BIG HINT STEVE *8->

Niel

>noise operating... everything u need is on the screen, easy to see...
>kinda makes "inside the sleeping bag" operation a snap.... don't even
>need a flashlight that much... sstv operation or rtty a snap also...

Date: Fri, 19 Mar 1999 13:46:53 -0000
From: "Steve Sorrell" <ap036@detroit.freenet.org>
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [35965] QRP Buddy Rev:1
Message-ID: <003901be720e\$f3507ec0\$c542b3c7@sorrells>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Well, folks I'm sorry for referring to QST as Q Street. It seems that a commonly used acronym around these parts is not understood universally. During my ham career, QST has been called Q Street and I guess I thought everyone knew what I was talking about. NOT! In my post about the QRP Buddy, I meant the article was in QST. Sorry for any confusion. I've been sent many posts asking 'what in the h___ is Q Street'? Now we all know.

Thanks,
Steve Sorrell, W8SFF

Date: Fri, 19 Mar 1999 09:05:28 EST
From: Jkn1olo@aol.com
To: hamjoel@juno.com, qrp-1@lehigh.edu
Subject: [35966] Re: psk31 or there-about
Message-ID: <3a358674.36f259a8@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit
Content-Transfer-Encoding: 7bit

PSK31 is a godsend for code impaired hams such as myself. Yes I did pass my code test honestly (13wpm with 1min of solid copy no less!) but I find carrying on a qso tedious and within 2 or 3 go-rounds I send more errors than anything else.

I've work over 100 stations all over the US, EU, AS in the past 2 wks most with a very weak signal, s-1 or less. The only way I knew they were there was from the waterfall display.

PSK31 will become a very popular QRP/weak signal mode. If your on this reflector you probably have the computer power to run it. Going in the field with it could get expensive. Not all of us can afford a 486 or better laptop with a sound card but I can see people doing it.

If you want more info check out the PSK31 reflectors at:

PSK31@qth.NET and
psk31@bipt106.bi.ehu.es

John Kalotai
N10LO

Date: Fri, 19 Mar 1999 09:15:53 -0500
From: "J. Eric Jessen" <E.Jessen@orion-consulting.com>
To: "'qrp-l@lehigh.edu'" <qrp-l@lehigh.edu>
Subject: [35967] April Fools Issues
Message-ID: <1C7185682F54D2119C7200104B2EE1F6083AE9@MAILMAN>
MIME-Version: 1.0
Content-Type: text/plain

Back in the days when I used to work as an Engineer, we used to get this magazine called EDN. Their April fools issue was always hilarious.

I remember one year when they had a new numeric coprocessor. It was called a roman numeral coprocessor with the built in divide-and-conquer algorithm. It was made of granite with bronze pins.

Then there was the ethnic IC op-amp with a pin on it labeled 6.3 VAC (for the heater of course), and it had a variant with a spigot on the side (for the drain voltage on the FET input stage). But the best was the standby nuclear reactor 300 Kw UPS. Came with hundreds of pounds of manuals from the Nuclear Regulatory Commission, and optional lead panels for the CPU cabinet in the event that stray alpha particles from the reactor caused intermittent memory loss. Sticker price was something like \$243 million.

Bottom line, technical magazines doing April Fools Spoofs ate not uncommon. The funny part is when a non-technical person gets hold of one and wants to order the parts.

73 de N8AUC
Eric
(Still 30 stories above Lake Erie)

Date: Fri, 19 Mar 1999 06:53:55 -0800 (PST)
From: Duane Alles <w9zm@yahoo.com>
To: qrp-1@Lehigh.EDU
Subject: [35968] R/S HTX-100 Mobile FS
Message-ID: <19990319145355.12377.rocketmail@web507.yahoomail.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Hello All,

Finishing up my shack clean out and have a Radio Shack HTX-100 mobile 10m ssb/cw radio for sale. It has two power settings 25/5 watts. This is a very clean rig & in perfect working condition. \$175.00 + shipping.

Please email direct.

72/73
Duane, W9ZM

DO YOU YAHOO!?
Get your free @yahoo.com address at <http://mail.yahoo.com>

Date: Fri, 19 Mar 1999 09:55:47 -0500
From: "Tom Hybiske" <hybiske@generalatronics.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [35969] Argonaut question-Thanks!
Message-ID: <01be7218\$926c3860\$8c68f326@hybiske.generalatronics.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Thanks to all who responded to my query on the Argonaut series.
I had over a dozen responses. I appreciate it!

Tom, K3GM

Date: Fri, 19 Mar 1999 10:13:26 -0500
From: "Ed Hare, W1RFI" <w1rfi@arrl.net>
To: qrp-1@lehigh.edu
Subject: [35970] Re: April Fools Issues
Message-ID: <36F26996.76F2@arrl.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

J. Eric Jessen wrote:

> Bottom line, technical magazines doing April Fools Spoofs
> are not uncommon. The funny part is when a non-technical
> person gets hold of one and wants to order the parts.

One year, QST magazine ran an article about "gravity gradient
modulation." It required the use of antimatter to generate a new type
of modulation.

The ARRL Lab received several phone calls and letters from people
wanting to know where they could buy the antimatter . . .

73,
Ed, W1RFI
ARRL Lab

Date: Fri, 19 Mar 1999 08:13:15 -0700
From: Bruce Kizerian <kizerian@ced.utah.edu>
To: E.Jessen@orion-consulting.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [35971] Re: April Fools Issues
Message-ID: <36F2698B.588D375D@ced.utah.edu>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I seem to recall one of the trade magazines having a hilarious article on a "Dark Emitting Diode."

Bruce kk7zz

J. Eric Jessen wrote:

> Back in the days when I used to work as an
> Engineer, we used to get this magazine called
> EDN. Their April fools issue was always hilarious.
>
> I remember one year when they had a new numeric
> coprocessor. It was called a roman numeral coprocessor
> with the built in divide-and-conquer algorithm. It was
> made of granite with bronze pins.
>
> Then there was the ethnic IC op-amp with a pin on it
> labeled 6.3 VAC (for the heater of course), and it had
> a variant with a spigot on the side (for the drain voltage
> on the FET input stage). But the best was the standby
> nuclear reactor 300 Kw UPS. Came with hundreds of pounds
> of manuals from the Nuclear Regulatory Commission,
> and optional lead panels for the CPU cabinet in the
> event that stray alpha particles from the reactor caused
> intermittent memory loss. Sticker price was something
> like \$243 million.
>
> Bottom line, technical magazines doing April Fools Spoofs
> ate not uncommon. The funny part is when a non-technical
> person gets hold of one and wants to order the parts.
>
> 73 de N8AUC
> Eric
> (Still 30 stories above Lake Erie)

Date: Fri, 19 Mar 1999 09:24:52 -0600 (CST)
From: "Brian.Buydens@usask.ca" <buydens@duke.usask.ca>
To: Low Power Amateur Radio Discussion <grp-1@Lehigh.EDU>
Subject: [35972] Re: April Fools Issues
Message-ID: <Pine.OSF.4.05.9903190916400.12764-1000000@duke.usask.ca>

MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

In the Computer Domain I heard of people ordering 16 Mb (or whatever) of WOM (write only memory)...

Brian.

```
+-----+
| Brian Buydens,           Computing Services, University of Saskatchewan |
| email: Brian.Buydens@usask.ca           http://duke.usask.ca/~buydens |
| VE5RDV                                     |
+-----+
| DO NOT ADD ME TO ANY MAILING                                All wiyht. Rho |
| LISTS WITHOUT MY CONSENT !!!                               sritched mg kegtops |
|                                                            awound?       |
+-----+
```

Date: Fri, 19 Mar 99 10:18:42 EST
From: jeverhar@cse.l-3com.com
To: kizerian@ced.utah.edu
Cc: qrp-1@lehigh.edu
Subject: [35973] Re: April Fools Issues
Message-ID: <9903191518.AA13834@train11.cse.l-3com.com>

Gang,

I recently visited Alltronics out in Silicon Valley and commented on a DED
lisited in thier catalog as a device to darken a room.

The proprietor told me that he as received orders from folks who wanted one...

72/73,

Joe E., N2CX

> I seem to recall one of the trade magazines having a hilarious article
> on a "Dark Emitting Diode."
>
> Bruce kk7zz
>

Date: Fri, 19 Mar 1999 09:30:02 -0600
From: Ross Crossland <rossgolf@flash.net>
To: qrp-1@Lehigh.EDU
Subject: [35974] Kit Building (and Desoldering Braid)
Message-ID: <1.5.4.32.19990319153002.0068bfd4@flash.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Okay, I caught the kit building bug. Built the fireball 40, it worked; two Vectronic kits, they work, and my OHR 100 arrived yesterday (a lot more parts than the Vectronics)

I have you guys (and gals) to thank (blame) for this. If I just hadn't read all the e-mail.

I also have emailed privately the individual who is really the inspiration (demon) responsible for this, and have thanked (blamed) him accordingly.

Also, thanks to who ever posted about de-soldering braid; great stuff! (does anybody know if it comes in 50 foot rolls?)

Anyway, I figure I am a kit or two away from trying to build a k-2. (is this disease terminal)?

Lastly; Please listen occasionally at 7.080. My FB-40 seems to be putting out a decent little signal, but no QSO's yet.

Ross
W5NV

p.s. does anyone else wake up in the middle of the night smelling burning rosin?

Date: Fri, 19 Mar 1999 07:34:12 -0800
From: Harvey Laidman <HarveyL@OutaDaLoop.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [35975] April Magazine Issues
Message-ID: <36F26E73.E074A295@OutaDaLoop.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

In the 50's, I believe Popular Electronics had an April issue with an

article about "Contra-Polar Energy." There was a photograph of a soldering "iron" covered with icicles. The premise, as well as I can remember it, was that, after proper treatment, reversing the polarity reverses the "state" of a device. ...Hmmm, I think it's happened! ...Harvey, W8DX

--

--- Harvey1@outadaloop.com -- URL: HTTP://outadaloop.com ---

Date: Fri, 19 Mar 1999 05:45:08 -0500 (EST)
From: "Scott Rosenfeld [N7JI]" <ham@w3eax.umd.edu>
To: qrp-l <qrp-l@lehigh.edu>
Cc: "Scott Rosenfeld [N7JI]" <ham@w3eax.umd.edu>
Subject: [35976] Dayton QRP Banquet, May 14, 1999!
Message-ID: <Pine.LNX.3.95.990319051917.4299D-100000@w3eax.umd.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

So far, we're two months away and already have 65 people signed up!

If you're coming to Dayton or know of anyone who is, you may wish to consider attending this once-a-year bash with

tons of good, hot food that tastes superb after a day of hamfesting
prizes, prizes, prizes
a great time with QRPers from all over the world

May 14, 1999 at 7:30 p.m. at the Days Inn Dayton South, Miamisburg, OH

Only \$25/person - make check out to QRP ARCI; include names/callsigns of people attending...

Send to

Scott Rosenfeld N7JI
2250 Patterson St. #50
Eugene, OR 97405-2988

Please send self-addressed stamped envelope if you want tickets sent to you. See you there!

Want to donate a prize? Please contact me.

Scott Rosenfeld ARS N7JI
541-346-7401 Eugene, OR Land o' much rain
If you find me on the air, I'm probably in my car
ham@w3eax.umd.edu <http://w3eax.umd.edu/~ham>

Date: Fri, 19 Mar 1999 08:42:44 -0700
From: Larry East <wlhue@amsat.org>
To: qrp-l@lehigh.edu
Subject: [35977] Screw those screws!
Message-ID: <3.0.3.32.19990319084244.009161f0@axp1>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Come on folks, there are more interesting things to discuss than what kind of screws should be used to hold a cabinet together!! Sheeeshhhh...

Date: Fri, 19 Mar 1999 10:44:25 -0500 (EST)
From: "James C. Owen, III" <owen@piper.eeel.nist.gov>
To: qrp-l@lehigh.edu
Subject: [35978] Re: April Fools Issues
Message-ID: <38668.owen@piper.eeel.nist.gov>

In message Fri, 19 Mar 1999 10:13:26 -0500,
"Ed Hare, W1RFI" <w1rfi@arrl.net> writes:

>
> One year, QST magazine ran an article about "gravity gradient
> modulation." It required the use of antimatter to generate a new type
> of modulation.
>
> The ARRL Lab received several phone calls and letters from people
> wanting to know where they could buy the antimatter . . .
>
> Ed, W1RFI

And don't forget the one (I think in QST) about how to get a near zero bandwidth AM signal by using antenna modulation. You applied the audio to the rotor and swung the antenna at an audio rate.

73 Jim K4CGY

Date: Fri, 19 Mar 1999 10:59:00 -0500 (EST)
From: "James C. Owen, III" <owen@piper.eeel.nist.gov>
To: qrp-1@lehigh.edu
Subject: [35979] Neat circuit & QST
Message-ID: <39540.owen@piper.eeel.nist.gov>

Those of you that get EDN, look in the March 18 issue on page 134 in the design ideas section. A really neat circuit to build a LED SWR indicator. Connects to the Forward and Reverse connections of a standard SWR bridge and indicates SWR by lighting up the 10 LEDs. Uses an OP491 and an LM3914. Doesn't care what the absolute voltages are just the differences. If they are equal (High SWR) all are lit if Vr is zero only the first 1:1 is lit. I'll have to breadboard this and see how well it really works. Maybe someone with a scanner could put it in the archives or it could be put in one of the QRP magazines.

The April issue of QST is almost a QRP issue. Of the 5 or so main articles 4 could be considered QRP or QRP related. But then 87% of you (by W1RFI's survey) know that.

73 Jim K4CGY

Date: Fri, 19 Mar 1999 11:07:45 -0500
From: John R Kirby <n3aaz-qrp@juno.com>
To: hamjoel@juno.com, qrp-1@Lehigh.EDU
Subject: [35980] Re: psk31 or there-abouts
Message-ID: <19990319.110751.-30065.0.n3aaz-qrp@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Joel and Group,

Yep PSK31 is one super, weak signal mode, unbelievable!

Here are some examples...

MD to AZ (2000 miles) at 0.5 Watts,
MD to west coast at 5 Watts,
MD to Europe at 5 Watts,
and not just once but many times.

A four way QSO to include OK2, FL, AZ, MD

(MD was 5 Watts) that lasted almost an hour.

After going sk with a VE2 a G4 called me. I COULD NOT HEAR HIS SIGNAL WITH MY EAR, I ONLY SAW HIS PRINT ON MY MONITOR. My RST was 329, I gave him a 319, I am sure we were both being very generous. The QSO lasted twenty minutes with a worse case print of 80%, we did go QPSK with a little improvement. I never did "hear" his signal and NEVER touched the receiver tuning control, in fact I "locked" the tuning control just in case it got bumped, while other digitals were much, much louder.

PSK31 (a keyboard to keyboard, rag chew mode) is so much more relaxed than the other digital modes and as Joel pointed out, it requires much less bandwidth, hence less QRM to other modes.

The Windows version >>p31sbw105.zip <<
is free for amateur radio use and
can be downloaded from
>><http://aintel.bi.ehu.es/psk31.html><<
or if speed is a problem from
>><http://www.kender.es/~edu/psk31.html><<
you only need a sound blaster and a SSB radio,
...thanks again Peter -G3PLX-, John...

John
N3AAZ
FM19xa
.

On Thu, 18 Mar 1999 20:28:14 -0500 hamjoel@Juno.Com writes:

>Hi Peoples of the qrp-l
>
> Thought this might be of interest.... while playing on twenty
>meters today I bumped across a psk qso in progress.... sooo I
>spearmented...
> I turned the filter on the new improved qrp+ down to 100
>cycles er hz... got the signal in the pass band and listened
> ks4tl chatting with w5brr and then another station came in,
>with brr I think, and all the time I had solid copy er print... hee
>hee and no, but not one bit of interference from any other
>station... after all, the filter was set at the 100hertz setting....
>'mazing....
> sure looks like psk 31 would really be hot... in bad
>conditions... when camping with a laptop and qrp rig... not to mention
>a K-2 ... so I won't... hee hee....you can turn the audio output to ur
>ears off... no noise operating... everything u need is on the screen,
>easy to see... kinda makes "inside the sleeping bag" operation a
>snap.... don't even need a flashlight that much... sstv operation or

>rtty a snap also...
> 'course one could grab the cw key or keyer and a set of
>headphones or even mikeeephone and leave the computer home...
> car camping, canoe camping, rv camping... short hike
>camping.....Hmmm maybe if I got a bigger kayak???
>
>C U
>joel ke1la a displaced south louisiana cajun ... in maine...

>-----
>You don't need to buy Internet access to use free Internet e-mail. Get
>completely free e-mail from Juno at <http://www.juno.com/getjuno.html>
>or call Juno at (800) 654-JUNO [654-5866]

You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at <http://www.juno.com/getjuno.html>
or call Juno at (800) 654-JUNO [654-5866]

Date: Fri, 19 Mar 1999 09:29:32 -0600
From: "Rick Hadley" <r.hadley@www.mebbs.com>
To: <w1rfi@arrl.net>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [35981] Re: April Fools Issues
Message-ID: <006f01be7222\$653e7880\$230cb1cf@default>

My two favorite April Fools issues were the Microband-FM article in QST back in 63 or 64 and the infamous Vampire Bat antenna that Tom Kneitel ran in the CB magazine S9 in the mid-sixties. That one was actually construction plans for a dummy load, and the article was full of wonderful claims.....no harmonic radiation, no TVI, the FCC will love it...all kinds of things, and everyone of them was true!

Rick Hadley
.-- ----- ..-. --.
ARRL NCVA IBMA SPBGMA

Date: Fri, 19 Mar 1999 08:22:42 -0800 (PST)
From: Duane Alles <w9zm@yahoo.com>
To: qrp-l@Lehigh.EDU
Subject: [35982] HTX-100
Message-ID: <19990319162242.9810.rocketmail@web512.mail.yahoo.com>

MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

The HTX-100 Sold.

Thanks to everyone that responded.

73,
Duane, W9ZM

DO YOU YAHOO!?
Get your free @yahoo.com address at <http://mail.yahoo.com>

Date: Fri, 19 Mar 1999 11:33:23 -0500
From: "J. Eric Jessen" <E.Jessen@orion-consulting.com>
To: "'qrp-l@lehigh.edu'" <qrp-l@lehigh.edu>
Subject: [35983] FW: psk31 or there-abouts
Message-ID: <1C7185682F54D2119C7200104B2EE1F6083AEE@MAILMAN>
MIME-Version: 1.0
Content-Type: text/plain

Last year, QST ran an april fools article about a low noise
mobile antenna made by MFJ. Spouted off part numbers
and model numbers...but it was really a dummy load.

> -----
> From: John R Kirby[SMTP:n3aaz-qrp@juno.com]
> Reply To: n3aaz-qrp@juno.com
> Sent: Friday, March 19, 1999 11:07 AM
> To: Low Power Amateur Radio Discussion
> Subject: Re: psk31 or there-abouts
>
> Joel and Group,
>
> Yep PSK31 is one super, weak signal mode, unbelievable!
>
> Here are some examples...
>
> MD to AZ (2000 miles) at 0.5 Watts,
> MD to west coast at 5 Watts,

> MD to Europe at 5 Watts,
 > and not just once but many times.
 >
 > A four way QSO to include OK2, FL, AZ, MD
 > (MD was 5 Watts) that lasted almost an hour.
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 > him a 319, I am sure we were both being very generous. The QSO lasted
 > twenty minutes with a worse case print of 80%, we did go QPSK with a
 > little improvement. I never did "hear" his signal and NEVER touched
 > the
 > receiver tuning control, in fact I "locked" the tuning control just in
 > case it got bumped, while other digitals were much, much louder.
 >
 > PSK31 (a keyboard to keyboard, rag chew mode) is so much more relaxed
 > than the other digital modes and as Joel pointed out, it requires much
 > less bandwidth, hence less QRM to other modes.
 >
 > The Windows version >>p31sbw105.zip <<
 > is free for amateur radio use and
 > can be downloaded from
 > >><http://aintel.bi.ehu.es/psk31.html><<
 > or if speed is a problem from
 > >><http://www.kender.es/~edu/psk31.html><<
 > you only need a sound blaster and a SSB radio,
 > ...thanks again Peter -G3PLX-, John...
 >
 > John
 > N3AAZ
 > FM19xa
 > .
 >
 >
 > On Thu, 18 Mar 1999 20:28:14 -0500 hamjoel@Juno.Com writes:
 > >Hi Peoples of the qrp-l
 > >
 > > Thought this might be of interest.... while playing on twenty
 > >meters today I bumped across a psk qso in progress.... sooo I
 > >spearmented...
 > > I turned the filter on the new improved qrp+ down to 100
 > >cycles er hz... got the signal in the pass band and listened
 > > ks4tl chatting with w5brr and then another station came in,
 > >with brr I think, and all the time I had solid copy er print... hee
 > >hee and no, but not one bit of interference from any other
 > >station... after all, the filter was set at the 100hertz setting....
 > >'mazing....

> > sure looks like psk 31 would really be hot... in bad
> >conditions... when camping with a laptop and qrp rig... not to
> mention
> >a K-2 ... so I won't... hee hee....you can turn the audio output to
> ur
> >ears off... no noise operating... everything u need is on the screen,
>
> >easy to see... kinda makes "inside the sleeping bag" operation a
> >snap.... don't even need a flashlight that much... sstv operation or
> >rtty a snap also...
> > 'course one could grab the cw key or keyer and a set of
> >headphones or even mikeeeephone and leave the computer home...
> > car camping, canoe camping, rv camping... short hike
> >camping.....Hmmm maybe if I got a bigger kayak???
> >
> >C U
> >joel kella a displaced south louisiana cajun ... in maine...

> >-----
> >You don't need to buy Internet access to use free Internet e-mail.
> Get
> >completely free e-mail from Juno at <http://www.juno.com/getjuno.html>
> >or call Juno at (800) 654-JUNO [654-5866]
>
> >-----
> >You don't need to buy Internet access to use free Internet e-mail.
> Get completely free e-mail from Juno at
> <http://www.juno.com/getjuno.html>
> or call Juno at (800) 654-JUNO [654-5866]
>

Date: Fri, 19 Mar 1999 09:34:59 -0700
From: Larry East <wlhue@amsat.org>
To: qrp-l@lehigh.edu
Subject: [35984] LINUX: Is this a QRP list, or what?
Message-ID: <3.0.3.32.19990319093459.00922100@axp1>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Enough, already! I hope the LINUX and "screw" threads die real soon. If
not, I'm going to postpone the list until it gets back on track!

'01 grumpy in Idaho... :-(- :-(-

Date: Fri, 19 Mar 1999 09:39:24 -0700
From: Gary L Surrency <gsurrency@juno.com>
To: kd5ako@hotmail.com
Cc: qrp-1@Lehigh.EDU
Subject: [35985] #26 wire source
Message-ID: <19990319.093924.-4074275.1.gsurrency@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Gang,

This is one of the few places I've been able to find a small quantity of #26 magnet wire. Most places don't carry it, or they want to sell you a five pound spool.

#26 is popular for winding toroids in VFO's (like the NC20) and also banpass filters or low-pass filters. The #26 wire in the R/S pack I bought is green enameled wire.

Just FYI.....

72,

On Fri, 19 Mar 1999 00:33:13 PST "Justin McAllister" <kd5ako@hotmail.com> writes:

>At school, for portable QRP operation on 40 and 80, I use a somewhat
>random wire ant...
>Went to Radio Shack and bought a package of "Enamel-Coated Magnet
>wire." Cost about \$3. It contains 40ft of 22 gauge, 75 ft of 26 gauge,
and
>200 ft of 30 gauge.

Get secure free e-mail that you don't need Web access to use
from Juno, the world's second largest online service.
Download your free software at <http://www.juno.com/getit.b.html>.

Date: Fri, 19 Mar 1999 08:47:16 -0800
From: "Michael A. Gipe" <mgipe@reliablemeters.com>
To: <rossgolf@flash.net>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [35986] Re: Kit Building (and Desoldering Braid)
Message-ID: <2ce201be7228\$2863ccc0\$140a0a0a@double_trouble.reliablemeters.com>
MIME-Version: 1.0

Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

W5NV wrote:

>...Anyway, I figure I am a kit or two away from trying to build a
k-2. (is
>this disease terminal)?

Sadly, yes. Every kit builder will eventually die. Fortunately, it
often takes a long time for the disease to progress to that point, so
you can finish quite a few kits before

>p.s. does anyone else wake up in the middle of the night smelling
burning rosin?

No, I always double check to make sure I've turned off the iron before
going to bed.

Enjoy!

Mike K1MG

Date: Fri, 19 Mar 1999 08:55:44 -0800
From: ki6ds@dpol.k12.ca.us (Hendricks, Doug)
To: <qrp-l@lehigh.edu>
Subject: [35987] Club Kits get them started!!
Message-ID: <01be7229\$54e25fe0\$630a0d0a@doug.dpol.k12.ca.us>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I read with interest and a smile Ross's posting quoted below. This is proof
that club kits do help the commercial vendors. Note how Ross started with a
\$10 kit from the NJ boys (still available by the way for those of you who
have resisted temptation so far see)

<http://www.njqrp.org/fireball40/index.html>

Welcome to the group Ross, and I think that you will find that the learning and enjoyment that you get from the hobby will increase exponentially, but your pocketbook may be inversely proportional.

Some have said that the clubs are causing problems for the commercial kit vendors, I say just the opposite, that the club kits are helping to make the market. Ross is an excellent example. He started with the NJ Fireball 40 (club kit) and now has built the following commercial kits:

2 Vectronics Kits

OHR 100

and he says that he is a kit or two away from building the K2. I wonder how many of us on this list can say the same thing? That building a cheap club kit got us started on the path of building and learning electronics. NorCal has received some criticism (not from the commercial companies,) but by others that we are ruining the market for the Qrp companies with our kits. I say just the opposite is true, that club kits have been one of the driving forces for the development of the QRP kit market. Club kits have also helped to start the following QRP Kit companies:

Wilderness Radio

Embedded Research

Blue Sky Engineering

Red Hot Radio

Small Wonder Labs (remember the NE4040?)

San Luis Machine Cases

Elecraft

HSC (the Pixie 2)

Vern Wright St. Louis Verticals

and probably some that I have not thought of. The clubs that have done kits are NorCal, G-QRP, DL, Knitelites, New England QRP, EA, NJ and probably some more.

Thanks Ross for your posting. And don't worry, club kits are not going to go away, they are too much fun!! 72, Doug, KI6DS

To: qrp-1@Lehigh.EDU From: Ross Crossland <rossgolf@flash.net>

Subject: Kit Building (and Desoldering Braid)

Return-Path: <owner-qrp-1@fidoii.cc.Lehigh.EDU>

X-Orcpt: rfc822;qrp-1@fidoii.CC.Lehigh.EDU

Okay, I caught the kit building bug. Built the fireball 40, it worked; two Vectronic kits, they work, and my OHR 100 arrived yesterday (a lot more parts than the Vectronics)

I have you guys (and gals) to thank (blame) for this. If I just hadn't read all the e-mail.

I also have emailed privately the individual who is really the inspiration (demon) responsible for this, and have thanked (blamed) him accordingly. Also, thanks to who ever posted about de-soldering braid; great stuff! (does anybody know if it comes in 50 foot rolls?) Anyway, I figure I am a kit or two away from trying to build a k-2. (is this disease terminal)? Lastly; Please listen occasionally at 7.080. My FB-40 seems to be putting out a decent little signal, but no QSO's yet.
RossW5NV
p.s. does anyone else wake up in the middle of the night smelling burning rosin?

Date: Fri, 19 Mar 1999 09:00:48 PST
From: "Bruce Prior" <n7rr@hotmail.com>
To: qrp-l@Lehigh.EDU, qrp-canada@lists.gpfn.sk.ca, k7rxv@email.msn.com, bg783@scn.org, ka7you@juno.com, emtech@steadynet.com, mwheatp@gte.net, k9jff@arrl.org, n7ivr@juno.com, bill@willapabay.org, steves12@ix.netcom.com, n7rr@hotmail.com, n7tau@arrl.net, gws@smartr.com, bigcookie@home.com, armys@home.com,
Subject: [35988] HW-9 For Sale - Correction and Info
Message-ID: <19990319170050.29972.qmail@hotmail.com>
Mime-Version: 1.0
Content-type: text/plain

HW-9 Fans --

My Heathkit HW-9 multi-band QRP CW transceiver has generated a lot of interest. Bids are still open through Monday, March 22. Please bid for the base price you re willing to pay, and also include instructions about how you want it shipped. The final price will be the highest bid plus shipping cost. Please reply direct only to:

n7rr@hotmail.com

One correction: It turns out that the original rig came equipped with a UHF antenna socket, and I had not modified it from an RCA connector after all. So, the only mod is a larger and more comfortable tuning knob.

The receive scheme on all bands is Upper Sideband.
Here are the frequencies covered and the mid-band power output measurements, using the internal dummy load of an MFJ-949E:

3.500-3.720 MHz 3.0 W

7.000-7.250 MHz 2.9 W
10.000-10.250 MHz 2.0 W
14.000-14.250 MHz 2.0 W
18.000-18.250 MHz 1.2 W
21.000-21.250 MHz 1.9 W
24.750-25.000 MHz 1.2 W
28.000-28.250 MHz 1.9 W

Thanks for the bandwidth and 72, Bruce Prior N7RR in Blaine, WA

Get Your Private, Free Email at <http://www.hotmail.com>

Date: Fri, 19 Mar 1999 09:10:54 PST
From: "Bruce Prior" <n7rr@hotmail.com>
To: qrp-1@Lehigh.EDU, qrp-canada@lists.gpfn.sk.ca
Subject: [35989] Falcon Mobile (off topic)
Message-ID: <19990319171055.16360.qmail@hotmail.com>
Mime-Version: 1.0
Content-type: text/plain

The following item might interest some left-coast folks. A merlin, (Falco columbarius) is also called a pigeon hawk. The female is mostly dusky brown with longitudinal brown streaks on a light-colored breast.
Bruce Prior N7RR in Blaine, WA

>From: owner-eagle-net@interchange.ubc.ca
>To: eagle-net-outgoing112-42@interchange.ubc.ca
>Subject: Radio tracking female merlin
>Date: Fri, 19 Mar 1999 06:10:52 -0800
>
>>From: AvianRsrch@aol.com
>>Date: Thu, 18 Mar 1999 20:27:49 EST
>>To: EAGLE-NET@unixg.ubc.ca
>>Subject: Radio tracking female merlin
>>
>>Greetings everyone,
>>
>>Here's a change from eagle issues!
>>I was wondering if anyone conducting telemetry flights in the northwest would
>>be able to keep an eye out for a female merlin that was banded and fitted with
>>a tail-mounted transmitter in Nampa, in southwestern Idaho (near

Boise). She

>>was last seen heading north on the morning of March 18. Her radio frequency

>>is 151.010 MHz.

>>

>>If you happen to come across this bird, please contact myself at
>>AvianRsrch@aol.com or Bruce Haak, non-game biologist for Idaho Fish
and Game

>>(bhaak@idfg.state.id.us).

>>

>>Best Regards,

>>Chris Gill, M.Sc.

>>

>

>

>

>

>-----
>Eagle-Net originates from the Department of Animal Science, University
of

>British Columbia, Vancouver, British Columbia, Canada. Any questions
or

>suggestions should be directed to the moderators at:

>

> eagle-net@unixg.ubc.ca

>

>For subscription information and raptor-related links:

>

> <http://www.scn.org/~dcv/Eagle-Net.html>

>-----
>Moderators: Chris Coker and Gregg Howald

>-----

>

>

>

Get Your Private, Free Email at <http://www.hotmail.com>

Date: Fri, 19 Mar 1999 09:18:15 PST

From: "Christopher Brewster" <brewsq@excite.com>

To: qrp-1@Lehigh.EDU

Subject: [35990] Repetition on CW test?

Message-ID: <921863895.20802.827@excite.com>

MIME-Version: 1.0

Content-Type: text/plain

Another question about the FCC 13-WPM test. My code tutor has the convention

of repeating parts such as calls, people's names and QTH's. (But not rigs and antennas.) This raises my effective speed because I can go back and check, fill in missing letters, etc. I'm thinking the FCC test probably doesn't do this. Could someone enlighten me?

[Sorry for all these questions that aren't QRP-only, but this is a much nicer group than those nasty Usenet folks.]

Christopher Brewster, kc evq
brewsq@excite.com 612/475-0477
Plymouth, Minnesota

Get your free, private email at <http://mail.excite.com/>

Date: Fri, 19 Mar 1999 09:33:40 -0800
From: Vic Rosenthal <rakefet@rakefet.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [35991] Re: April Magazine Issues
Message-ID: <36F28A74.2C6582F7@rakefet.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Harvey Laidman wrote:

>
> In the 50's, I believe Popular Electronics had an April issue with an
> article about "Contra-Polar Energy."

The absolutely funniest one was a CQ magazine, also from the '50's I think. It purported to describe the construction of a "100-watt contest final". The guy built an amplifier using a pair of 750TL's (for the young squirts, *very* large triodes, each capable of several KW). After describing how he built the power supply -- my memory is failing me, but I think he used a pole pig transformer in a 3-phase bridge circuit -- he fired his amplifier up, but the plate meter kept pinning. The author decided that this was due to "RF getting into the meter", and he solved the problem by 'bypassing' it with a piece of copper strap! That got it back on scale, and he concluded that the input power was 150 watts, "well within the contest limit of 100 watts".

73,
Vic, K2VCO

Fresno CA

Date: Fri, 19 Mar 1999 12:47:37 -0500
From: "JEFFREY MICHAEL POULIN" <jpoulin@erols.com>
To: <qrp-l@lehigh.edu>
Subject: [35992] A bit of a surprise
Message-ID: <199903191741.MAA17156@smtp4.erols.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Dear Gang:

I just received an OHR 400 purchased from a list member, my first QRP only rig. The kit was well built and functions better than I thought a kit could. (Thanks, Les. Your assessment was absolutely correct.)

Of course I had to set up and try it on the air. Heard a CQ on 40 meters from zero land and answered. He came right back to my 3 watt signal and we had a nice QSO. The surprise came as I was logging it in: the sense of accomplishment/pleasure/excitement was enhanced by using a QRP only rig. Knowing I couldn't increase power, as I can on my TT Corsair II, and using the full capability of a simple rig added real satisfaction to the QSO. I didn't expect this reaction. What a nice bonus.

No doubt this feeling is known to many on the list but it was unexpected. Just another benefit to QRP operation.

72, Jeff KF4JSV QRP-L # 743 FISTS # 5497
Manassas, VA

Date: Fri, 19 Mar 1999 09:48:26 -0800 (PST)
From: Jeff <fantbb@yahoo.com>
To: qrp qrp <qrp-l@lehigh.edu>
Subject: [35993] 20 meters has been open at night!!!!
Message-ID: <19990319174826.12582.rocketmail@send105.yahoomail.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

The last 2 nights I have been working Russian stations on 20 meters around 8 to 9pm here on the west coast! Those Russians have good ears as they pickup my 5 watts easily. So if you have been avoiding 20 at night thinking it wasn't open come and take a look!

Jeff

==

Jeff Jones

AB6MB

NorCal QRP Club #65, QRP-L #1780

CW Forever!!!

Ghost Hunter

Owner of the Delta MudCats fantasy baseball team

Long live Manchester United and the Oakland A's!!!!!!

DO YOU YAHOO!?

Get your free @yahoo.com address at <http://mail.yahoo.com>

Date: Thu, 19 Mar 2009 12:44:33 -0500

From: "curt" <curt@icubed.com>

To: <w1hue@amsat.org>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: [35994] Re: Screw those screws!

Message-ID: <0015022e8fa8\$78c685a0\$d882c898@oemcomputer>

MIME-Version: 1.0

Content-Type: text/plain;

charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

Content-Transfer-Encoding: 7bit

Boy what a grouch

Smile and live longer

K3ivb

-----Original Message-----

From: Larry East <w1hue@amsat.org>

To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>

Date: Friday, March 19, 1999 11:01 AM

Subject: Screw those screws!

>Come on folks, there are more interesting things to discuss than what kind
>of screws should be used to hold a cabinet together!! Sheeeshhhh...

>
>

Date: Fri, 19 Mar 1999 11:48:29 -0600
From: "Malcolm Bussey" <mbussey@gte.net>
To: <qrp-1@lehigh.edu>
Subject: [35995] Argo for Sale
Message-ID: <000601be7230\$b58f0bc0\$5877fed0@mals-computer>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi all,

I placed an ad several days ago in the daily blurb, had a lot of questions, but not takers.

The Argo-556 has all nine modules, unused mobile mt, hand mike and noise blanker. I will ship it to a USA address for \$475. Just to make it sweeter---I will throw in a power supply to run it.

There are no scratches or dings anywhere on it.

e-mail mbussey@gte.net QRP-L #1847

Thanks,
Malcolm Bussey

Date: Fri, 19 Mar 1999 12:51:10 -0500
From: "J. Ervin Bates, W8ERV" <kb8tnq@voyager.net>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [35996] First Solo QSO on 7.110 (longish)
Message-ID: <36F28E8E.FF5749EE@voyager.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Well Gang, I finally worked up the courage to turn on my rig yesterday, set it to CW and dust off the paddles. I'd only worked a friendly little

exchange with my elmer before this, so you can imagine my palms were really bad. (hi)

Called CQ.....nothin'. Called again.....nothin'. A third time....ah, the sounds of someone saying something to me.....copied part of the call (he was fading in and out)....went back to him, explaining that he was my first solo CW contact, gave him RST es QTH es Name and sent it back to him. Gone! I called to him, using what I had for his callsign and still not a peep, or a beep. Boy, was I bummed.

So I went to work, around 2:30pm, still feelin bad that I didn't complete the QSO. It took a lot of effort to get it out, ya know :-)

Got home about 2:30am (a good day at work), fired up the DX 70TH and settled in for a staring match with the paddles. Within 15 minutes I was back on the air, tappin' out that sweet sound. CQ CQ CQ de W8ERV.....three times I sent and on the third shot I heard a somewhat distant signal from a station (KG0RD) in Omaha, Nebraska. Jim was good enough to send a 599 report to, but conditions were not stable at the time on 7.110, so he had to repeat a few things.

This guy was great! Working 5wpm, even when I sped up my sending (accidentally) to somewhere around 9-11wpm and we had an excellent QSO that lasted for the better part of 35 minutes. Of course, at 5wpm, you can't say a whole lot, but it was fun for this Ham.

My QSL is all ready to hit the mail box today and I look forward to adding his QSL to my book, as it has the distinction of being from my FIRST CW CONTACT. Next challenge is a good multi-band beam and I have to find out how to go QRP on the DX 70TH. On low power, it goes down to 10, but it HAS to be able to drop lower. :-)

Keep and ear out, would ya? It's gonna be a trial by fire, but I'm aimin' for General by May, 99!

72/73,
Erv W8ERV
QRP-ARCI #9702

Date: Fri, 19 Mar 1999 13:03:46 -0500
From: elawson@lr.net (Ed Lawson)
To: "brewsq@excite.com" <brewsq@excite.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [35997] Re: Repetition on CW test?

Message-ID: <19990319175556.AAA24724@office4.office.new>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

On Fri, 19 Mar 1999 09:18:15 PST, Christopher Brewster wrote:

>Could someone enlighten me?

Don't count on repeditation. However, the test follows a QSO
format which means you can expect callsigns at both ends.

Ed Lawson

Date: Fri, 19 Mar 1999 09:59:44 -0800
From: neil <neil@aade.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [35998] Re: April Fools Issues
Message-ID: <36F29090.FD7BB395@aade.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

My favorite from many years ago was Radio-Electronics magazine ran an
April cover issues showing a "TUBE KIT" consisting of a box of grids,
plate, filaments, glass envelopes and bases of various numbers of pins.

With this kit you could make most any receiving tube yourself.

--
Neil
<http://www.aade.com>
<mailto:neil@aade.com>
Almost All Digital Electronics
1412 Elm St. SE
Auburn, WA 98092
253-351-9316

Date: Fri, 19 Mar 1999 10:16:19 -0800
From: "Mont Pierce, KM6WT" <montp@synacom.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [35999] Where's 15M ?
Message-ID: <36F29473.435996B5@synacom.com>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Does anyone operate qrp on 15m? What freq?

It seems that everywhere I look lately everyone
is skipping over the 15m band.

Fireball has filter component list for 10,20,40,80m bands.
Small Wonder comes in 20,30,40,80m bands

Are there any single band QRP kits for 15m?

Tnx,
km6wt

Date: Fri, 19 Mar 1999 10:11:35 -0800
From: "John Moriarity" <k6qq@hdo.net>
To: <buydens@duke.usask.ca>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [36000] Re: April Fools Issues
Message-ID: <003f01be7233\$eff59420\$ea424cd1@k6qq>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

>In the Computer Domain I heard of people ordering 16 Mb (or
whatever) of
>WOM (write only memory)...

I have a Signetics data sheet for a WOM in my files =8-)

John, K6QQ
Alturas, CA

Date: Fri, 19 Mar 1999 12:26:46 -0600 (EST)
From: Jim Glover <psykey@okcforum.org>
To: qrp-l@lehigh.edu
Subject: [36001] Multi-banding a Pixie2?
Message-ID: <199903191826.MAA04296@okcforum.org>
Content-Type: text

When my Pixie2 arrives in the mail soon, I'm thinking of trying to build it in such a way as to facilitate changing bands. As I understand it, you only have to change the crystal, and a coil. I've heard of using alligator clips to fashion a crystal socket that will hold just about any sort of crystal. I'm thinking about trying to do that, with my Pixie2, so that changing crystals will be easy (and flexible). It has occurred to me that I might also use a similar technique (alligator clips) to make the coil easily changed. Then, putting the Pixie2 on 17M or something would just be a matter of changing out the coil and the crystal, using the alligator clips in each case.

Comments? Suggestions?

--Jim WB5UDE

Date: Fri, 19 Mar 1999 13:34:51 EST
From: N7YA@aol.com
To: qrp-l@lehigh.edu
Subject: [36002] Re: 20 meters has been open at night!!!!
Message-ID: <8fc53581.36f298cb@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit
Content-Transfer-Encoding: 7bit

In a message dated 3/19/99 10:14:25 AM Pacific Standard Time, fantbb@yahoo.com writes:

<< The last 2 nights I have been working Russian stations on 20 meters around 8 to 9pm here on the west coast! Those Russians have good ears as they pickup my 5 watts easily. So if you have been avoiding 20 at

night thinking it wasn't open come and take a look! >>

I second that! i have been working into EU, namely the russians, with ease with my indoor antenna as late as midnight local time! but it doesnt stop there, after the EU's have faded, then i hear, and work, VK/ZL and a lot of other PAC. if you can stay up late...do yourself a favor and get on 20. also, 15 during the day has been outstanding for work into EU, and africa on 10 until the late afternoon. i cant wait for the next contest!! gotta go feather my hair now....wait, i dont have any!

73...Adam, N7YA
in Lynnwood, WA....duuuuuh, rock on dude!!!

Date: Fri, 19 Mar 1999 13:40:54 -0500
From: "Ron Polityka" <wb3aal@talon.net>
To: <qrp-1@Lehigh.EDU>
Subject: [36003] Atlanticon QRP Forum 1999
Message-ID: <005b01be7238\$064d0b00\$ac5445c6@ronaldpo>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

1 week to go!!

Mini-vacation for me, looking forward to this!

Ron de WB3AAL
Eastern PA QRP Club

Date: Fri, 19 Mar 1999 13:40:58 -0500
From: "Gene Hall" <evhall@ix.netcom.com>
To: <owen@piper.eeel.nist.gov>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [36004] Re: Neat circuit & QST
Message-ID: <056d01be7238\$08b0eba0\$28abbacd@#evhall>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

The VSWR indicator is at:

<http://www.ednmag.com/reg/1999/031899/06di.cfm#LED>

If you have trouble getting in directly to the article go to www.ednmag.com then click on the date of the current issue.

There is also an article on the Smith Chart in this issue that looks interesting as well as one on analyzing transmission lines with limited math.

The boom of the wireless industry has resulted in the return of RF design and analysis items to magazines that had gone almost totally digital.

73, ... Gene ... NN7CK ... Summerville, SC

nn7ck@arrl.net

-----Original Message-----

From: James C. Owen, III <owen@piper.eeel.nist.gov>

To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

Date: Friday, March 19, 1999 11:14 AM

Subject: Neat circuit & QST

>Those of you that get EDN, look in the March 18 issue on page 134 in the
>design ideas section. A really net circuit to build a LED SWR indicator.
>Connects to the Forward and Reverse connections of a standard SWR bridge
and
>indicates SWR by lighting up the 10 LEDs. Uses an OP491 and an LM3914.
>Doesn't care what the absolute voltages are just the differences. If they
>are equal (High SWR) all are lit if Vr is zero only the first 1:1 is lit.
>I'll have to breadboard this and see how well it really works. Maybe
>someone with a scanner could put it in the archives or it could be put in
>one of the QRP magazines.
>The April issue of QST is almost a QRP issue. Of the 5 or so main articles
4
>could be considered QRP or QRP related. But then 87% of you (by W1RFI's
>survey) know that.
>73 Jim K4CGY
>

Date: Fri, 19 Mar 1999 12:42:07 -0600
From: Ross Crossland <rossgolf@flash.net>
To: qrp-1@Lehigh.EDU

Subject: [36005] Kit Building Part Deux
Message-ID: <1.5.4.32.19990319184207.0067bfd4@flash.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

A Follow up to Doug's post about my kit building experience.

He is absolutely correct!

I seriously doubt that I would have tackled a commercial kit first. It would have seemed too overwhelming. For a \$10.00 investment, I received a few hours enjoyment. I learned much from the FB 40. It didn't work the first time. I put it away, sorry that I had ever started. A few hours later, back out it came, and a fix on a few joints, and we had a solid signal. A day later, (after o-d'ing on Altoids) into the tin it went. I mounted two small phono jacks on the altoids tin. (My keys were already wired that way, as I have an HW-9) one for the key and one for the antenna. Now the entire package closes up neatly (including the 9 volt battery) and I really am quite proud of it!

I ordered the amp kit. Will probably put on a separate PCB, and give it its own tin. Then I can run milliwatt or watt with a "plug in". (Going Radio Shack today for some Mag wire to run a portable long wire)

After the tremendous learning experience with the FB-40, The Vectronics 20m xmtr and rcvr really went together easily, and both worked from the first 'powerup'.

My Inspiration (demon) suggested the OHR 100. I thought about the OHR 500, but with the K-2 eventually in mind, the OHR 500 seemed like a duplication of my HW-9. The OHR 100 is actually supposed to be the next step in a progressive learning process that will end up with the K-2.

So Doug, your posting was right on the money; and thanks for understanding the spirit of my post.

Ross
W5NV

Date: Fri, 19 Mar 1999 10:46:38 -0800
From: Allan G Taylor <k7gt@arrl.net>
To: qrp-l@lehigh.edu
Subject: [36006] SW20+: experience?
Message-ID: <36F29B8E.3301@arrl.net>

MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I would like to solicit comment from any who have made and used a Small Wonders SW20+. In particular, how sensitive and stable is this design when scaled to 20m.

Let's keep the traffic down on QRP-L: I request private replies. Thanks. After all, we need to save the bandwidth to discuss colored screws, April Fook antenna designs and other pressing QRP issues.

No, the Allen bolt and wrench were NOT named after me. I can't even claim the Taylor series expansion...

73

Allan

--

```

                                     |
                                   /|
                                 /  |
                               | /Z |\
Allan Taylor, PE  K7GT           | /599| \   QRP-L 1016 FISTS 3222
      k7gt@arrl.net             /_|/____|__\_  ARS 228    10X 69929
operating nr SF/Oakland CA    [ \-----/  DXCC 8171/CW 1395/40m
..."QRP, QRO, or barefoot..."... [ \-----/
~~~~~
```

Date: Fri, 19 Mar 1999 11:48:25 -0700
From: Dave Ek <ekdave@earthlink.net>
To: qrp-l@lehigh.edu
Subject: [36007] QRP Portable PSK31, anyone?
Message-ID: <3.0.6.32.19990319114825.00796ec0@mail.earthlink.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Gang,

PSK31 sounds like loads of fun. I haven't tried it yet but be assured that I'll be giving it a shot.

What really intrigues me, though, is the potential this has for going portable. Someone recently made the contention that it would be possible to modify a homebrew CW rig to be able to "speak" PSK31. One could certainly

envision using a palmtop or PDA (Palm Pilot, say) as the user interface.
What would remain would be a controller (a PSK31 modem, if you will)
implemented in hardware (or a combination of hardware and PDA
software)--something to fulfill the role currently played by the sound card.

Whaddaya think? Designing this is well beyond my capabilities, so don't
count on me to put this together, but the idea seemed worthy of tossing out
to the group just for fun. QRP PSK31 portable--sounds fun, doesn't it?

72 de Dave AB0GO

Date: Fri, 19 Mar 1999 11:24:48 -0800
From: ki6ds@dpol.k12.ca.us (Hendricks, Doug)
To: <qrp-l@lehigh.edu>
Subject: [36008] Fw: Multiband Pixie 2
Message-ID: <01be723e\$27e65d60\$630a0d0a@doug.dpol.k12.ca.us>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Jim, if you take an inline sip socket, (the kind that snap off), you can
make a nifty socket for your crystal and for the inductor too. Just snap
off 3 of the sockets, break off the center pin and you have a socket. I
believe that Denis Englander was the first to show me this, he used it on a
49er. Another approach would be to use the pad board or Manhattan style of
construction and build it from scratch. Then you could lay it out where you
could use an IC socket and put the crystal and inductor on another socket.
Then it would be a simple matter of plugging in one socket with appropriate
crystal and inductors for each band. Just an idea.

Keep us posted. 72, Doug, KI6DS

Date: Fri, 19 Mar 1999 12:51:12 -0700
From: Brad Mugleston <bmug@gwl.com>

To: "'qrp-1'" <qrp-1@lehigh.edu>
Cc: "'support@smithmicro.com'" <support@smithmicro.com>
Subject: [36009] Customer Service
Message-ID: <01BE7207.2CBBDF40.bmug@gwl.com>

I just thought I'd let my 3,000 plus friends on this list know about a Customer Service problem I've been having.

I purchased this product HotFax Message Center from SmithMicro the middle of February. I purchased it based on their adds saying that they did everything better than anyone else (yes, I believed it).

Well I had a problem. It wouldn't do a basic process that is built into the fax software that comes with Windows 95. I got onto their help line and sent them the information requesting help (I knew it was my problem and the software would handle it just fine). Well after a bunch of emails, two phone calls and a fax I was told it wouldn't work and to contact their customer service for a refund.

I called customer service and was told to take it back where I purchased it. I don't know about you but I've never been able to return a software package for cash only for exchange for the same product.

Let's put it this way. I was testing this for our company to purchase - I don't know how many copies we would have bought but we have about 4,000 employees, 2,300 here in the home office. The home office people would have been divided up into small network groups (probably around 100 or so in each group) and each group would have had a copy of this software. Of course all of our outside people would have had to have their own copy. If my math is correct I think we were looking at purchasing just around 1,800 copies, now I'm just trying to return one and I've wasted a month.

Anyone know of a FAX software that will Fax a letter created in Word and merged with Access (the fax number is in Access).

Thanks

de KI00T, Brad

Date: Fri, 19 Mar 1999 15:41:51 +0000
From: "Steven Weber" <kd1jv@moose.ncia.net>
To: qrp-1@lehigh.edu
Subject: [36010] trailer park antenna idea
Message-ID: <199903192026.PAA10623@moose.ncia.net>
MIME-Version: 1.0

Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT
Content-Transfer-Encoding: 7BIT

Hey Ed,

Coudn't your wife use a cloths line out back? Couple of 10 ft poles with cross arms and a 102' whip on the top (put a flag on the top of the whips for good measure) would make a decent vertical. Or maybe you could turn it into some kind of funky loop antenna. Need some wires to hold the cross arms up, right?

Or make the cloths line posts out of PVC and warp copper tape around them for "deceration" and have a helical wound vertical. A number of possibilities there...

72,

Steve, KD1JV in the white Mountains of New Hampshire
"melt solder"

Date: Fri, 19 Mar 1999 15:40:18 -0500
From: "Mike Yetsko" <myetsko@insydesw.com>
To: <kd1jv@moose.ncia.net>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [36011] Re: trailer park antenna idea
Message-ID: <00f901be7248\$b4578940\$9001a8c0@mikey>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

>Hey Ed,

>

>Coudn't your wife use a cloths line out back?

>

>72,

>Steve, KD1JV in the white Mountains of New Hampshire

>"melt solder"

You know, I wonder how one of those clothes line hanger things that look like 'square umbrellas' would load up as the ground

plane for a whip???

Mike Yetsko
N1DVJ

Date: Fri, 19 Mar 1999 14:01:04 -0700
From: Rod Cercone <rlc@frii.com>
To: bmug@awl.com, Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [36012] Re: Customer Service
Message-ID: <19990319140104.36744@frii.com>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Brad, et.al.

On Fri, Mar 19, 1999 at 12:51:12PM -0700, Brad Mugleston wrote:
> I just thought I'd let my 3,000 plus friends on this list know about a Customer
> Service problem I've been having.
>
> I purchased this product HotFax Message Center from SmithMicro the middle of
> February. I purchased it based on their ads saying that they did everything
> better than anyone else (yes, I believed it).....

Personally I don't think messages like this are appropriate for this
email reflector. But I will differ to the group's consensus, and/or list
owner/manager policy.

--
72/3 NORC
Rod Cercone
Fort Collins, CO
QRP-L #1764
da di dah

Date: Fri, 19 Mar 1999 13:12:03 -0800
From: Vic Rosenthal <rakefet@rakefet.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [36013] Re: trailer park antenna idea
Message-ID: <36F2BDA3.AEB13E5D@rakefet.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Content-Transfer-Encoding: 7bit

Mike Yetzko wrote:

>

> You know, I wonder how one of those clothes line hanger things
> that look like 'square umbrellas' would load up as the ground
> plane for a whip???

How about extending the arms with four little pieces of PVC and making a
multiband Moxon Rectangle?

73,
Vic, K2VCO
Fresno CA

Date: Fri, 19 Mar 1999 14:16:04 -0700
From: Brad Mugleston <bmug@gwl.com>
To: "'Rod Cercone'" <rlc@fii.com>, Low Power Amateur Radio Discussion <qrp-
l@lehigh.edu>
Subject: [36014] RE: Customer Service
Message-ID: <01BE7213.076ECE80.bmug@gwl.com>

I'm sorry, it's probably not right for this group - I was real frustrated and
when they suggested I cancel my credit card charge to get my money back (and
leave the computer store holding the bill) I lost it.

Brad

-----Original Message-----

From: Rod Cercone [SMTP:rlc@fii.com]
Sent: Friday, March 19, 1999 2:01 PM
To: bmug@gwl.com; Low Power Amateur Radio Discussion
Subject: Re: Customer Service

Brad, et.al.

On Fri, Mar 19, 1999 at 12:51:12PM -0700, Brad Mugleston wrote:

> I just thought I'd let my 3,000 plus friends on this list know about a
Customer
> Service problem I've been having.
>
> I purchased this product HotFax Message Center from SmithMicro the middle of
> February. I purchased it based on their ads saying that they did everything
> better than anyone else (yes, I believed it).....

Personally I don't think messages like this are appropriate for this email reflector. But I will differ to the group's consensus, and/or list owner/manager policy.

--

72/3 NØRC
Rod Cerkoney
Fort Collins, CO
QRP-L #1764
da di dah

Date: Fri, 19 Mar 1999 15:15:53 -0600
From: Bob Liesenfeld <wb0poq@visi.com>
To: qrp-l@Lehigh.EDU
Subject: [36015] Attachments
Message-ID: <36F2BE89.334DF09A@visi.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

CRIMINY!

Don't people know *not* to post 200MB attachments to a mailing list????

Date: Fri, 19 Mar 1999 21:10:18 +0000
From: Larry Cahoon <wd3p@juno.com>
To: ap036@detroit.freenet.org, qrp-l@Lehigh.EDU
Subject: [36016] Re: QRP Buddy
Message-ID: <19990319.212906.4310.0.wd3p@juno.com>

On Fri, 19 Mar 1999 01:58:15 -0000 "Steve Sorrell"
<ap036@detroit.freenet.org> writes:
>I don't know who all on the list gets Q'Street, but the April issue
>has a
>neat little construction article on page 47 called ' The QRP Buddy'.
>The

Also notice that QRP to the Field got mention as well in the "This Month in Amateur Radio" piece on page 26 as well as in the regular contest

column.

73 de Larry.....WD3P in MD

>So much for complaints about no QRP articles in Q'Street, eh?

>

>Steve Sorrell, W8SFF

73 de Larry.....WD3P in MD

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or call Juno at (800) 654-JUNO [654-5866]

Date: Fri, 19 Mar 1999 16:36:59 -0500
From: "David Hurley, n2zhy" <n2zhy@amsat.org>
To: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [36017] R.S. Frequency Counter
Message-ID: <36F2C37B.B69AC704@amsat.org>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Ok, I bought one. The Radio Shack Frequency Counter. Now I got questions!

The frequency counter has 3 different ranges. 0-10mhz, 1-50mhz and 50-1.3g.

I can measure the frequency transmitted of my two meter ht with no problem. Just set the range at 50mhz-1.3g.

When I try to measure 80,40 or 20 meters transmitted, I just get a random set of numbers in the 3.5 to 4.2 area, regardless of which band I transmit on.

My shack is on the second floor, not far away from my wire antennas. I have tried transmitting at 2, 5 and 50 watts on all three bands but still only see a random 3.5 to 4.2 on the display.

What's up? I don't think I can be transmitting too much power at 2 watts. Operator error? Or is this thing not adjusted to the right sensitivity?

I have the unit set to the 50ohm impedance setting and I am using the supplied telescopic antenna.

I've got it packed back in the box. Now what should I do? Anybody got answers?

Thanks
David,n2zhy

Date: Fri, 19 Mar 1999 16:49:37 -0500
From: "Richard Brummer" <obvious@bestweb.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [36018] Re: trailer park antenna idea
Message-ID: <009f01be7252\$6693ce80\$0206b3d8@default>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

And with four kids, you need a LONG clothesline !!

73,
Dick K2REB
-----Original Message-----
From: Mike Yetsko <myetsko@insydesw.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Date: Friday, March 19, 1999 3:45 PM
Subject: Re: trailer park antenna idea

>>Hey Ed,
>>
>>Coudn't your wife use a cloths line out back?
>>
>>72,
>>Steve, KD1JV in the white Mountains of New Hampshire
>>"melt solder"
>
>
>You know, I wonder how one of those clothes line hanger things
>that look like 'square umbrellas' would load up as the ground
>plane for a whip???
>
>Mike Yetsko

>N1DVJ

>

>

Date: Fri, 19 Mar 1999 17:27:19 EST
From: K2UD@aol.com
To: qrp-l@lehigh.edu
Subject: [36019] Re: #26 wire source
Message-ID: <1e633b8e.36f2cf47@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit
Content-Transfer-Encoding: 7bit

Does Amidon not sell magnet wire anymore? I purchased quite a few different gauges from them in single spools about 10 years ago (small spools, enough to wind toroids for a lifetime). Will have to check their latest blurb.

72 all

Howard Kraus, K2UD

Date: Fri, 19 Mar 1999 23:36:45 +0100
From: hw.merz@t-online.de (Hanns W. Merz)
To: qrp-l@lehigh.edu
Subject: [36020] Re: How does Sierra behaves in Europe?
Message-ID: <m1007sj-0003EgC@fwd09.btx.dtag.de>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 8BIT
Content-Transfer-Encoding: 8BIT

Hugo,

You are right, it's biased but I'm sorry, I'm not sure what the exact idling current is. Didn't find any technical note about it but as far as I remember it was about 200 mA or so. (When receiving the PA takes no idling current).

Vy 72,
Hanns, DK9NL

> Hanns:
>
> Correct me if I'm wrong. I read somewhere that this is not a class C amplifier.
>
> If it s biased for linear operation what is the idling curent?
>
> 72, 73 de
> Hugo
> CX9AAK\W2

Date: Fri, 19 Mar 1999 18:16:28 -0400
From: "Caitlyn M. Martin" <cait.martin@ibm.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>, "montp@synacom.com" <montp@synacom.com>
Subject: [36021] Re: Where's 15M ?
Message-ID: <199903192316.XAA17902@out4.ibm.net>
MIME-Version: 1.0
Content-Type: text/plain; charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

On Fri, 19 Mar 1999 10:16:19 -0800, Mont Pierce, KM6WT wrote:

>Does anyone operate qrp on 15m? What freq?

I do, but always on SSB. I start at 21.225 and work up, usually being patient and tail-ending rather than calling CQ, but not always.

>

>It seems that everywhere I look lately everyone
>is skipping over the 15m band.

Not here. :)

>Are there any single band QRP kits for 15m?

Here I can't help you. I use a commercially built 15m QRP rig.

72/73,
Caity
KU4QD

Caitlyn M. Martin "They have computers... and may have

cait.martin@ibm.net
http://www.caitys-world.com

other weapons of mass
destruction" -Janet Reno

Date: Fri, 19 Mar 1999 07:25:37 -0500
From: wa8rxi@juno.com
To: ham-pic@qth.net
Cc: qrp-1@Lehigh.EDU
Subject: [36022] IVEX WinDraft/WinBoard
Message-ID: <19990319.233756.-142457.0.wa8rxi@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Just read the 'Getting Started' Manual.
I haven't tried this yet, but in Chapter 5 & 6 there seems to be a
'bridge' between WinDraft and WinBoard using the NetLists
to create a Board from a Schematic.
Or, is this just wishful thinking on MY part...
73, Rick - WA8RXI Taylor, MI.

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or call Juno at (800) 654-JUNO [654-5866]

Date: Fri, 19 Mar 1999 18:55:05 EST
From: KG9HV@aol.com
To: qrp-1@lehigh.edu
Subject: [36023] Tentec QRP kits
Message-ID: <8b478e08.36f2e3d9@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit
Content-Transfer-Encoding: 7bit

I am running a 20M QHR here and having good luck with it. I have looked
at
the Ten Tec QRP rigs...Not priced to bad, but have heard negative things abt
them
on the air. Does anyone have one of these rigs? What do you think of them. I

heard
the receive is too wide.....any input is welcome.....
DE KG9HV.....QRP-L 1643 FISTS 1750/CC562

End of QRP-L Digest 1400

